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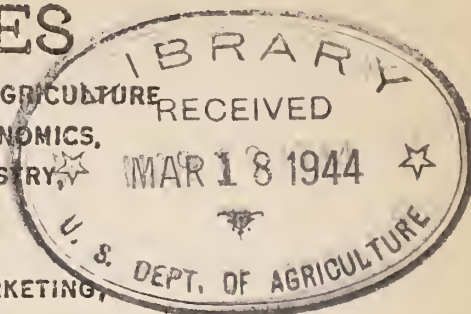
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COTTON LITERATURE

SELECTED REFERENCES

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AGRICULTURAL MARKETING SERVICE, BUREAU OF PLANT INDUSTRY,
AND BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

COMPILED BY EMILY L. DAY, LIBRARY SPECIALIST IN COTTON MARKETING,
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CONTENTS

Production.....	165
Botany.....	165
Genetics and Plant Breeding.....	166
Agronomy.....	167
Diseases.....	170
Insects.....	171
Farm Engineering.....	172
Farm Management.....	173
Production Credit.....	173
Cotton Land Resources.....	174
Farm Social Problems.....	174
Cooperation in Production (One-Variety Communities).....	175
Preparation.....	176
Ginning.....	176
Baling.....	178
Marketing.....	178
Demand and Competition.....	178
Supply and Movement.....	182
Prices.....	185
Marketing and Handling Methods and Practices.....	187
Marketing Services and Facilities.....	188
Marketing Costs.....	189
Cooperation in Marketing.....	189
Utilization.....	189
Fiber, Yarn and Fabric Quality.....	189
Technology of Manufacture.....	195
Technology of Consumption.....	197
Cottonseed and Cottonseed Products.....	200
Legislation, Regulation, and Adjudication.....	203
Legislation.....	203
Regulation.....	206
Adjudication.....	210
Miscellaneous--General.....	210

COTTON LITERATURE is compiled mainly from material received in the Library of the U. S. Department of Agriculture.

Copies of the publications listed herein can not be supplied by the Department except in the case of publications expressly designated as issued by the U. S. Department of Agriculture. Books, pamphlets, and periodicals mentioned may ordinarily be obtained from their respective publishers or from the Secretary of the issuing organization. Many of them are available for consultation in public or other libraries.

"Abbreviations Used in the Department of Agriculture for Titles of Publications" (Miscellaneous Publication No. 337) is the authority for abbreviations used in COTTON LITERATURE.

PRODUCTIONBotany

1062. Mason, T. G., and Phillis, E. Concerning the upward movement of soil solutes. *Ann. Bot.* [London] 4(16): 765-771. Oct. 1940. (Published by Oxford University Press, Amen House, Warwick Square, London, E. C. 4, England) 450 An7
Literature cited, p. 771.

"Paper No. 23 from the Physiological Department of the Cotton Research Station, Trinidad."

"An account is given of an experiment with Sea Island cotton plants in which the uptake of N and Br by the root and their subsequent distribution throughout the plant in normal plants was compared with that in plants in which the continuity of the wood was broken at the base of the stem. The supply of water to the foliage region of the 'cutwood' plant was ensured by a side root, grafted into the stem above the break in the wood. The uptake was greatly reduced as a result of cutting the wood. All the N absorbed by the root of the normal plant travelled into the foliage region, whilst 79 per cent. of that absorbed by the 'cut-wood' roots did so. Of the Br absorbed by the normal plant, 76.5 per cent travelled to the foliage region, whilst only 18 per cent. of that absorbed by the 'cut-wood' plant did so. - C." - *Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit.* 21(3): 74-75. Feb. 15, 1941.

1063. Mason, T. G., and Phillis, E. Some comments on the mechanism of phloem transport. *Plant Physiol.* 16(2): 399-404. Apr. 1941. (Published by the American Society of Plant Physiologists, N. Queen St., and McGovern Ave., Lancaster, Pa.) 450 P692

Literature cited, pp. 403-404.

Cotton is mentioned.

1064. Phillis, E., and Mason, T. G. Studies on the partition of the mineral elements in the cotton plant. II. Preliminary observations on potassium, calcium, and magnesium. *Ann. Bot.* [London] 4(16): 773-789. Oct. 1940. (Published by Oxford University Press, Amen House, Warwick Square, London, E. C. 4, England) 450 An7

Literature cited, p. 789.

"Paper No. 24 from the Physiological Department of the Cotton Research Station, Trinidad."

"The bases K, Ca and Mg have been fractionated into sap-soluble and sap-insoluble forms. The insoluble form of K appears to be homogeneous since it is completely soluble in hot water but the insoluble fractions of Ca and Mg are only partially soluble in hot water, and they have therefore been

separated into water-soluble and water-insoluble fractions. The fraction that is insoluble in sap but soluble in hot water is termed adsorbed, and the fraction that is insoluble in hot water is termed combined. The conclusion is drawn that the partition of K and Ca between the sap-soluble and adsorbed forms is determined to a large extent by exchange. Combined Ca shows a striking constancy per 100 g. of dry matter, and is but little affected by the richness of the tissue in total Ca, by the level of K supply or by the age of the leaf. Its chemical constitution and its function are still obscure. The results for Mg, though rather confused, tend to resemble those for Ca. - C." -Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 21(3): 75. Feb. 15, 1941.

See also Items nos. 1084, 1292.

Genetics and Plant Breeding

1065. Cotton breeding at Surat. Indian Textile Jour. 51(601): 12. Oct. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
From Indian Farming.
Experiments, financed by the Indian Central Cotton Committee, to develop improved varieties for South Gujarat are reported.
1066. Knight, R. L., and Clouston, T. W. The genetics of blackarm resistance. II. Classification on their resistance, of cotton types and strains. III. Inheritance in crosses within the Gossypium hirsutum group. Jour. Genetics 41(2-3): 391-409. Jan. 1941. (Published by Cambridge University Press, Bentley House, London, England) 442.8 J823
References, p. 409.
1067. Koshal, R. S., Gulati, A. N., and Ahmad, Nazir. The inheritance of mean fibre-length, fibre-weight per unit length and fibre-maturity of cotton. Indian Jour. Agr. Sci. 10(6): 975-989. Dec. 1940. (Published by the Manager of Publications, Delhi, India) 22 Ag831
References, p. 988.
1068. Reuniao Sul-Americana de botânica. 1st, Rio de Janeiro, 1938. Anais da primeira...12 a 19 de Outubro de 1938. Vol. III. 412pp. Rio de Janeiro, Brazil [1940] 451 R53 v.3
Partial contents: Cromosomios do algodoeiro "Quebradinho" [Chromosomes of "Quebradinho" cotton] by O. Campos Góes, pp. 325-329; Duplicação de cromosomios em café, algodão e fumo pelo uso da colchicina [Duplication of chromosomes in coffee, cotton and tobacco by the use of colchicine] by A. J. T. Mendes, pp. 331-349.

See also Items nos. 1355, 1381, 1384.

Agronomy

1069. El agricultor debe escoger al cosechar los primeros capullos, la semilla necesaria para la futura siembra. Gaceta Algodonera 17(204): 14. Jan. 31, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
The farmer should select at harvest-time the best bolls for seed needed for the next planting season.
1070. [Alexander, Robert H.] Picking of cotton is craftsmanship, convention hears. Human element basic in picking of good cotton, says Alexander. Cotton Trade Jour. 21(14): 1, 8. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Address prepared for delivery before the Arkansas Cotton Trade Association, April 5, 1941.
"Apparently each step forward in ginning efficiency is paralleled by a step backward in picking care."
1071. Arrivillaga, G. Herrera. La venta de semilla de algodón para siembra debe ser atribución exclusiva del Gobierno nacional. Gaceta Algodonera 17(204): 19-22. Jan. 31, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
The sale of cottonseed for planting should be handled exclusively by the national government.
1072. Clemson agricultural college. Extension service. The cotton contest--1940. For better yield and staple value. Clemson Agr. Col. Ext. Serv. Cir. 190, 30pp. Clemson, 1941. 275.29 So8E
"Sponsored by the Cotton Manufacturers' Association of South Carolina in cooperation with the South Carolina Extension Service."
Results of the contest are reported, including staple length and yield of the varieties grown.
1073. Garcia Mata, R. El algodón en la republica Argentina. Roque Sáenz Peña, Chaco. (Presidency) Estación Experimental Algodonera. Boletín Informativa no. 12, pp. 5-15. Nov.-Dec. 1940. (Published in Roque Sáenz Peña, Chaco, Argentina) 72.9 R68
Cotton in the Republic of Argentina.
1074. Hancock, N. I., and Simpson, D. M. Cottonseed treatments in Tennessee. Tenn. Agr. Expt. Sta. Bul. 175, 15pp. Knoxville, 1941. 100 T25S
1075. Hurst, F. J. Oscar Bledsoe makes farm science work. Better Crops with Plant Food 25(3): 16-18, 34-35. Mar. 1941. (Published by American Potash Institute, Inc., Investment Bldg., Washington, D. C.) 6 B46
"In 1939, Mr. Bledsoe produced an average of 826 pounds of lint cotton on 1,570 acres." His method of farming with the aid of tenants is described.

1076. Hurst, F. J. Why treat cotton seed? South. Agr. 71(4): 20. Apr. 1941. (Published at 1523 Broadway, Nashville, Tenn.) 6 So83

Advantages of treating cottonseed for planting purposes are noted.

1077. Hutcheson, T. B., Williams, C. B., and Cooper H. P. What fertilizers are best for 1941? Prog. Farmer (Car.-Va. ed.) 56(2): 34. Feb. 1941. (Published at Professional Bldg., Raleigh, N. C.) 6 P945

Fertilizer recommendations for cotton and other crops for the states of Virginia, North Carolina and South Carolina are given.

1078. Kalamkar, R. J., and Satakopan, V. The influence of the rainfall distribution on the cotton yields at the government experimental farms at Akola and Jalgaon. Indian Jour. Agr. Sci. 10(6): 960-974. Dec. 1940. (Published by the Manager of Publications, Delhi, India) 22 Ag831

References, p. 974.

1079. Kalamkar, R. J., and Dhannalal. Sampling studies in a cotton varietal trial. Indian Jour. Statistics, Sankhya 4(4): 567-576. Mar. 1940. (Published by Statistical Publishing Society, Calcutta, India) 251.8 In2

References, p. 576.

"The authors describe an experiment on the comparative yields of five cotton varieties (Verum 434, Roseum, E. B. 31, Verum 262 and Late Verum) carried out at the Agricultural College Farm, Nagpur. The varieties were replicated in four randomized blocks, each containing five plots (89 ft. x 18 ft.). Verum 434 and Verum 262 gave significantly higher yields than the remaining varieties and an analysis of covariance revealed that these yield differences were due to varietal differences in the number of surviving plants. The ten plots of two of the blocks were used for a sampling investigation. Two sampling units (each being a 5-foot length) were taken at random from each of four sub-plots of a plot, giving 80 sampling units in all. The estimation of the plot yield from the same yield turned out to be rather inaccurate, but work is in progress to improve the sampling technique. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 21(3): 57. Feb. 15, 1941.

1080. [Karper, R. E.] It's here again! Sea island cotton. Prog. Farmer (Tex. ed.) 56(5): 12. May 1941. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311

Extracts from an address before "a recent meeting" of the Texas Certified Seed Breeders Association.

Brief account of sea island production in the United States.

1081. Killough, D. T. Delinting and treating cotton seed. Prog. Farmer (Tex. ed.) 56(5): 14, 57. May 1941. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311

1082. Kuykendall, Roy. Soil fertility experiments with cotton--Ladd Field--north of the Central East Delta. Miss. Farm Res. 4(4): 6. Apr. 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
A table showing results of fertilizer tests over a five-year period (1936-1940) is given.
1083. Leding, A. R., and Overpeck, J. C. American-Egyptian cotton in New Mexico. N. Mex. Agr. Expt. Sta. Press Bul. 922, 3pp., processed. [State College] 1941.
Experiments (1936-1940) to obtain information on yields of American-Egyptian cotton in New Mexico are briefly reported.
1084. Leonard, O. A. Primary purpose of cotton cultivation control of weeds; new data indicate other benefits may affect soil, plant. Miss. Farm Res. 4(4): 2. Apr. 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
A table showing "effect of cultivation on height and open bolls of cotton plants and percentages of nitrogen in cotton leaf-blades," is given.
1085. [McNamara, Homer C.] Fertilizers for Mississippi. Prog. Farmer (Miss. Val. ed.) 56(3): 9. Mar. 1941. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
Fertilizer recommendations for cotton are included.
1086. Miles, L. E. Treated cottonseed stored without damage in cotton or burlap bags; dusts increase emergence and yields. Miss. Farm Res. 4(4): 8. Apr. 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
1087. Miller, R. V. Seed certification in Texas. Cotton Ginners' Jour. 12(7): 25-26, 28. Apr. 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
1088. Neely, J. Winston. Irregular stands may not decrease yields of cotton. Miss. Farm Res. 4(4): 1, 8. Apr. 1941. (Published by Mississippi Agricultural Experiment Station, State College, Miss.)
Results of tests at the Delta Branch Experiment Station during the three year period, 1936-38 "to determine the effect of skips upon yield of cotton" are given.
1089. Recommended cottons for Louisiana. Prog. Farmer (Miss. Val. ed.) 56(3): 15. Mar. 1941. (Published at Cotton Exchange Bldg., Memphis, Tenn.) 6 So81
Nine varieties are described.
1090. Scott, Joe C. Planting good seed brings best results. The importance of good seed has been realized for many, many years. Okla. Cotton Grower 21(1): 4. Mar. 28, 1941. (Published at 12 West Sixth St., Oklahoma City, Okla.) 72.8 Ok4
The seed testing service of the Oklahoma State Department of Agriculture is briefly described.

1091. Shipley, Oliver M., comp. Relation of environmental factors to cotton fiber length; selected references in English, 1915-1939. U. S. Dept. Agr. Bur. Agr. Econ. Econ. Libr. List no. 22, 12pp., processed. Washington, D. C., 1941. 1.9 Ec73E
1092. Two new varieties of egyptian cotton. Daily News Rec. no. 75, p. 9. Mar. 31, 1941. (Published at 8 East 13th St., New York N. Y.) 286.8 N48
The varieties, known at Giza 31 and Giza 36, were developed by the Cotton Research Board of the Egyptian Ministry of Agriculture.
1093. U. S. Dept. of agriculture. Tennessee Valley coordinating committee. Results of cooperative tests of Tennessee-valley authority plant-food materials by the valley states land grant colleges. Part 1: Agricultural experiment station results. 78pp., processed. [Washington, D. C.,] 1940. 1.947 R31
Prepared under auspices of the Coordinating Committee of the Valley-States land-grant colleges, the United States Department of Agriculture, and the Tennessee Valley Authority.
Effect of different phosphates on cotton and corn, pp. 40-42; Effects of acid and neutral fertilizers on cotton, pp. 42-44.
1094. Wasson, R. A. Cotton growing for 4-H club members. La. Agr. Col. Ext. Serv. Cir. 160, rev., [4]pp. Baton Rouge, 1941. 275.29 L93C
Contains instructions for members who wish to grow cotton.
1095. Westbrook, E. C. Growing cotton for profit. Ga. Agr. Col. Ext. Serv. Cir. 287, 8pp. [Athens] 1941. 275.29 G29C
Fourteen cotton cultivation practices are recommended for Georgia farmers.

See also Items nos. 1107, 1109, 1112, 1178, 1355, 1360, 1362, 1381, 1384.

Diseases

1096. Chester, K. Starr. Cotton root rot or Texas root rot. Okla. Agr. Expt. Sta. Mimeographed Cir. 53, 4 pp., processed. Stillwater, 1940. 100 Ok4M
Control methods are suggested.
1097. Dunlap, A. A. Inoculation of cotton plants in sand culture with *Phymatotrichum* root rot. *Phytopathology* 31(4): 358-361. Apr. 1941. (Published at Cor. North Queen St., and McGovern Ave., Lancaster, Pa.) 464.8 P56
1098. Dunlap, A. A. Plant diseases in Texas and their control. Tex. Agr. Expt. Sta. Cir. 91, 71pp. College Station, 1941. 100 T31C
Cotton, p. 15.

See also Items nos. 1066, 1355, 1381 1384.

Insects

1099. Fenton, F. A. The insect pest record for Oklahoma, 1939. Okla. Acad. Sci. Proc. (1939) 20: 99-102. 1940. 500 OK42 v.20
Contains a list of the field crop (including cotton) insects of the state.
1100. Krishna Ayyar, P. N. Investigations on Spathius critolaus Nixon, an important braconid parasite of the cotton-stem weevil, Pempheres affinis Fst. of South India. Indian Jour. Agr. Sci. 10(6): 879-900. Dec. 1940. (Published by the Manager of Publications, Delhi, India) 22 Ag831
References, p. 900.
1101. Krishna Ayyar, P. N., and Margabandhu, V. The role of food and its constituents on the productivity and longevity of the cotton stem weevil, Pempheres affinis Fst. Indian Jour. Agr. Sci. 10(6): 901-910. Dec. 1940. (Published by the Manager of Publications, Delhi, India) 22 Ag831
References, p. 910.
1102. Mendes, Luiz O. T. A determinação do potencial de reprodução de animais que dão descendentes por via sexuada em combinação com partenogênese arrhenotoca. 4 pt. in 1, processed. Campinas, 1940. 422 M522
Thesis - São Paulo university.
Literature consulted, pt. 4, pp. 8-11.
English summary, pt. 4, pp. 6-7.
Determination of the reproduction potential of animals which produce young by sexual life in combination with arrhenotokous parthenogenesis.
The cotton leaf worm (Alabama argillacea (Huebn.)) is discussed in pt. 1, pp. 4-5.
1103. Mohammed Fouad el-Gammal. Hot air treating machines used in ginneries for the destruction of pink boll worm in the cotton seed. Egypt. Min. Agr. Tech. and Sci. Serv. (Crop Protect. Sec.) Bul. 150, 20pp. Cairo, 1940. 24 Eg93
"An historical account is given of the hot air treatment of cottonseed in Egypt for the destruction of hibernating pink bollworms. Detailed descriptions, with illustrations, are given of the 'Simon', 'Delta' and 'Jafforty' machines, of automatic temperature regulators developed by (1) Gizy and Christodoulou, (2) the Cambridge Scientific Instrument Co., and (3) the C. J. Tagliabue Manufacturing Co., and of the 'Cambridge' and 'Socius' temperature recorders. - C." - Brit. Cotton Indus. Res. Assoc. Sum. Cur. Lit. 21(4): 78. Feb. 28, 1941.
1104. Rainwater, C. F. Insects and spiders found in Spanish moss, gin trash, and woods trash, and on wild cotton. U. S. Dept. Agr. Bur. Ent. and Plant Quar. E-528, 20 pp., processed. Washington, D. C., 1941. 1.9 En83 no. 528

A list "of the species found by systematic collections made in Spanish moss in northeastern Louisiana, in gin trash in northern Florida, in woods trash in South Carolina, and on wild cotton in southern Florida", is given.

1105. [Siddall, Cameron] Insect control studied by entomologists. Coastal Cattleman 7(1): 37. Mar. 1941. (Published in Beaumont, Tex.) 43.8 C63
Brief account of cotton insect control in Texas during 1940 is included.

1106. Storey, H. H. Investigations of the mechanism of the transmission of plant viruses by insect vectors. III. The insect's saliva. Roy. Soc. London Proc. Ser. B. 127(849): 526-543. Oct. 1939. (Published by the Cambridge University Press, Bentley House, N. W. 1, London, England) 501 L84B

"For the type of virus transmission characteristic of leaf-hopper vectors, there is convincing evidence that the virus passes through the insect's body. The manner in which it emerges from the insect and comes to be inoculated into a plant is much less certainly known. It has generally been assumed that the saliva is the vehicle of the inoculation. For this assumption there is even now little direct evidence. I now describe observations on the excretion of saliva by a leafhopper and attempts to demonstrate experimentally in this saliva the virus of which this insect is a specific vector."

1107. Verma, Piere Mohan, and Afzal, Mohammad. Studies on the cotton jassid (Empoasca devastans Distant) in the Punjab. I. Varietal susceptibility and development of the pest on different varieties of cotton. Indian Jour. Agr. Sci. 10(6): 911-926. Dec. 1940. (Published by the Manager of Publications, Delhi, India) 22 Ag831

References, pp. 923-924.

Contains a statistical appendix by Mohammad Afzal and Dwarka Nath Nanda.

See also Items nos. 1108, 1343, 1360, 1364, 1381, 1384.

Farm Engineering

1108. Modern duster for a bale of cotton. Prog. Farmer (Tex. ed.) 56(5): 14. May 1941. (Published at 1105 Southland Life Annex, Dallas, Tex.) 6 T311

Two new machines for dusting cotton, "costing no more than the price of a bale of cotton", will soon be available.

1109. "Textillian." Cotton harvesting by mechanical means. Indian Textile Jour. 51(601): 11-12. Oct. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2

Mechanical harvesting developments in the United States are discussed and the probable effects of the introduction of a successful picker are commented upon.

Farm Management

1110. Clark, Neil M. The one-crop system goes out. Country Gent. 111(4): 12-13, 69-70. Apr. 1941. (Published at Independence Square, Philadelphia, Pa.) 6 C833
Diversification on southern farms is reported.
1111. Hurst, F. J. Another wide-awake Mississippi county finds that clover and cattle beat cotton. South Agr. 71(4): 16-17. Apr. 1941. (Published at 1523 Broadway, Nashville, Tenn.) 6 So83
"Cattle raising and clover production are bringing triple returns to Claiborne County, Mississippi, farmers in richer lands, larger production and better income...On many farms livestock returns exceed returns from cotton."
1112. McCracken, O. O., and Arpke, Frederick. The general property tax structure and irrigated agriculture in Pinal county, Arizona. 44pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1941.
"Pump and project lands display a wide variation with respect to land use. In the sample used, 54 percent of the total irrigable acreage of pump land was devoted to cotton production, compared with 28 percent for project lands. Little or no relationship between cotton productivity and assessed value on either pump or project lands was found. There is a significant relationship between soil type groups and both cotton productivity and crop rotation. Neither of these factors appear to be significantly related to assessed values." - Conclusion, pp. 43-44.
1113. Ousley, Clarence. Farming for war. Cotton and Cotton Oil Press 42(8): 12. Apr. 12, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
An editorial which says in part: "The acres left out of cotton should be planted to whatever food and feed crops adapted to the soil and climate which the cotton farmer may need, and it will be a farmer 'slacker' who neglects to raise hogs or poultry or both according to his acreage and equipment in fencing and housing."
1114. Stuckey, H. P. Lee Collins gets "a living". Cash from a variety of crops has followed. Prog. Farmer (Ga.-Ala.-Fla. ed.) 55(10): 45. Oct. 1940. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G
Farming practices of Lee Collins, Butts County, Georgia, cotton farmer are described.

See also Items nos. 1075, 1322, 1390, 1392.

Production Credit

See also Item no. 1217.

Cotton Land Resources

1115. Johnson, Elmer H. Crop reporting districts in Texas. Tex. Business Rev. 15(2): 4-16. Mar. 1941. (Published by Bureau of Business Research, University of Texas, Austin, Tex.) 280.8 T312

The districts are described as to climate, soil, crops, etc.

See also Item no. 1328.

Farm Social Problems

1116. Allred, Charles E., Luebke, Benj. H., and Malphrus, L. D. Landlord-tenant relations in Roane county, Tenn. Tenn. Agr. Expt. Sta. Agr. Econ. and Rural Sociol. Dept. Monog. 117, 32pp., processed. Knoxville, 1940. 173.2 W89Co no. 117
 "The purpose of this report is to give a general picture of some phases of agricultural leasing arrangements in Roane County.
1117. Grigsby, S. Earl, and Hoffsommer, Harold. Cotton plantation laborers; a socio-economic study of laborers on cotton plantations in Concordia parish, Louisiana. La. Agr. Expt. Sta. Bul. 328, 40pp. [Baton Rouge?] 1941. 100 L93
1118. Landlord-tenant cooperation. Prog. Farmer (Ga.-Ala.-Fla. ed.) 55(10): 3, 12. Oct. 1940. (Published at 821 North Nineteenth St., Birmingham, Ala.) 6 P945G
 Letters from Georgia and Alabama farmers describing their methods in maintaining good relationships with tenants.
1119. Lumpkin, Katharine DuPre. The South in progress. 256 pp. New York, International publishers [1940] 280.002 L97
 "Reference notes," pp. 235-250.
 Chapter II. Fruits of the sharecropping system, pp. 31-51.
1120. Ramsey, Ralph J., and Hoffsommer, Harold. Farm tenancy in Louisiana. 27pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1941. 1.941 L2F222
 Issued in cooperation with the Louisiana Agricultural Experiment Station.
 "This report attempts: (1) to delimit areas where tenancy conditions are similar; (2) to describe the general tenancy situation in each area; and (3) to determine the various types of tenancy situations found in each area. Inasmuch as wage laborers form an important group of agricultural workers in Louisiana, they are included, along with farm owners, in the consideration of tenancy and tenure relations."
1121. Rochester, M. C. Successful farm tenancy practices. Eighteen instances of landowner-cropper cooperation for security of tenure. Clemson Agr. Col. Ext. Serv. Cir. 189, 23pp. Clemson, 1940. 275.29 So8E

1122. U. S. Dept. of agriculture. Farm security administration. Southeast Missouri: a laboratory for the cotton South. 9 pp., processed. [Washington, D. C., 1940] 1495 So81
- "Seven counties in Southeast Missouri have become a laboratory, which may produce an answer for one of the South's toughest problems--what to do about the landless sharecropper and farm laborer. Although they are in a Midwest area, these seven counties--the 'boot heel' of Missouri--belong economically to the South. Cotton is the chief cash crop, and most of it is produced by tenants or sharecroppers working land that belongs to somebody else." Work of the Administration in the area is described.
1123. U. S. Dept. of commerce. Bureau of foreign and domestic commerce. The farm picture 'down South', share croppers drop to record low. U. S. Dept. Com. Bur. Foreign and Dom. Com. Dom. Com. 27(16): 375-376. Apr. 17, 1941. (Published in Washington, D. C.)
- A brief article based on the 1940 Census of Agriculture. "Share croppers enumerated in 1940 were the lowest in number since 1920, when the total was recorded at 461,091; the high point was reached in 1930, when 776,278 were counted. The 1940 total represents a decline of 174,965 from the 1935 Census total of 716,256, and a decline of 234,987 from the peak of 1930."
1124. Vance, Rupert B. Farmers without land. Pub. Aff. Pam. 12, rev., 31pp. New York, Public affairs committee, incorporated, 1940. 280.9 P964
- Sources used in preparing this pamphlet, pp. 30-31.
- Other suggested readings, p. 31.
- Partial contents: Tenancy in the South, pp. 15-17; The cotton plantation today, pp. 17-24; Findings of the President's tenancy committee, pp. 24-29.

See also Items nos. 1377, 1381, 1392.

Cooperation in Production (One-Variety Communities)

1125. Kennedy, J. R. How can the ginner make cotton more marketable? Cotton Ginners' Jour. 12(7): 13-43. Apr. 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
- Ginners are urged to aid in the organization of improvement groups as a means of improving the quality of cotton.
1126. One-Variety cotton builds a community house. Rugby features whole farm demonstrations. Tex. Agr. Col. Ext. Serv. Extensioner. 27(5): 3-8. Mar. 1941. (Published at College Station, Tex.)
- Activities of the Rugby one-variety community are described.

See also Item no. 1174.

PREPARATIONGinning

1127. Bennett, Charles A., and Gerdes, Francis L. Cotton ginning research and extension activities in 1940. U. S. Dept. Agr. Bur. Agr. Chem. and Engin. O. P. 3338, 8pp., processed. Stoneville, Miss., 1941.
Report of results of ginning research at the United States Cotton Ginning Laboratory, Stoneville, Mississippi, during 1940. Also in Cotton Ginners' Jour. 12(7): 48-53, 56-57. Apr. 1941.
1128. Bennett, Charles A., and Gerdes, Francis L. Current cotton ginning machinery and practices. U. S. Dept. Agr. Bur. Agr. Chem. and Engin. O. P. 3356, 4pp., processed. [Washington, D. C., 1941]
"Paper presented by the senior author before a meeting of the Cooperative Gin Service and Supply Company, Houston, Texas, March 28, 1941."
Work of the United States Cotton Ginning Laboratory, Stoneville, Mississippi, is described.
1129. Bennett, Charles A. Modern cotton ginning requirements in Arkansas and Missouri. U. S. Dept. of Agr. Bur. Agr. Chem. and Engin. O. P. 3355, 5pp., processed. [Washington, D. C., 1941]
"Address, annual convention of the Arkansas Cotton Trade Association, Little Rock, Ark., April 5, 1941."
The essentials of modern ginning are: "(1) Drying and conditioning; (2) Cleaning and extracting; (3) Ginning, or separating the fibers from the seed; (4) Suitable disposal of the ginned lint; and (5) Adequate protection of planting seed and pure varieties."
1130. Bennett, Charles A., and Gerdes, Francis L. Unloading-fan improvements for increased efficiency in cotton ginning. U. S. Dept. Agr. Bur. Agr. Chem. and Engin. O. P. 3319, 3pp., processed. Stoneville, Miss., 1941.
The fan, developed at the United States Cotton Ginning Laboratory, Stoneville, Mississippi, for use in unloading cotton from wagons at gins, is described.
1131. Bennett, Charles A., and Gerdes, Francis L. The vertical drier for seed cotton. U. S. Dept. Agr. Misc. Pub. 239, rev., 31pp. Washington, D. C., 1941. 1 Ag84M
Literature cited, pp. 30-31.
The drier, designed for use in drying damp or green seed cotton before ginning, is described and methods of installing the equipment are shown.
1132. Gerdes, Francis L., and Bennett, Charles A. The ginners' part in cotton-quality improvement. 6pp., processed. [Washington] U. S. Dept. of agriculture, Agricultural marketing service [1941]

"Paper presented by the senior author before a meeting of the Oklahoma Cotton Ginners' Association, Oklahoma City, April 25, 1941."

"Ginners can play a vital part in cotton-improvement programs. They can give the grower improved service not only by adequately equipping their gins, maintaining all parts of their outfits in good condition and using the machinery correctly, but by encouraging their farmer customers to plant good cotton, use improved harvesting methods, and exercise more care in handling cotton on the farm."

1133. Gerdes, Francis L. Improving cotton ginning quality in Arkansas and Missouri. 7pp., processed. Washington, U. S. Dept. of agriculture, Agricultural marketing service [1941]

"Address, annual convention of Arkansas Cotton Trade Association, Little Rock, Ark., April 5, 1941."

The author comments on new gin installations and modernization of gin stands in Arkansas and Missouri.

1134. Gerdes, G. A. Cotton ginning and defense. Cotton and Cotton Oil Press 42(7): 5-6. Mar. 29, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822

"The cotton gin is the medium through which all cotton must pass in order that the fibre and other products of the commodity can become usable. Thus the ginner becomes the key figure in the development of cotton as one of the most vital elements in adequate preparation for national defense."

1135. Gibbs, J. P. Safety practices are safe precedents. Cotton Ginners' Jour. 12(7): 17-18, 24. Apr. 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824

Safety measures in the ginning industry are discussed.

1136. Lowry, O. M. Co-op ginners hold highly successful annual meeting. Group now ginning one-third of entire Texas cotton production. Plans for year outlined. Officers, directors elected. Tex. Co-op. News 21(4): 1-2. Apr. 15, 1941. (Published by Texas Co-operative Publishing Co., Inc., 1100-1106 South Ervay St., Dallas, Tex.) 72.9 T315F

Report of meeting of Texas Co-operative Ginners' Association, Dallas, Tex.

1137. New gin roller gets approval. Cotton Digest 15(30): 21. Apr. 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

The new roller made of cotton fabric and rubber was developed as a substitute for walrus hide.

1138. [Texas cotton ginner's association] Ginners meeting at San Antonio in defense stand. Passes resolution denouncing strikes, hears research laboratory plea. Cotton Trade Jour. 21(15): 6. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Report of 32nd annual convention held in San Antonio, April 3-5, 1941.
Also noted in Cotton and Cotton Oil Press 42(8): 9-16. Apr. 12, 1941.
1139. [U. S. Dept. of agriculture. Cotton ginning laboratory] Mississippi valley leads belt in new gin installations. More modern equipment said to give greatly improved efficiency. Cotton Trade Jour. 21(16): 7. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1140. Ward, A. L. The ginner's place in cotton defense. Cotton and Cotton Oil Press 42(8): 5-6. Apr. 12, 1941. (published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
"Address delivered before the Annual Convention of the Texas Cotton Ginners' Association, San Antonio, Texas, April 4, 1941."
Ginners are urged to "join with other groups in taking the offensive in developing markets in the United States for American cotton."
1141. Weaver, Otis T. Unraveling financial statements of co-op gins. U. S. Dept. Agr. Farm Credit Admin. Coop. Res. and Serv. Div. Misc. Rpt. 28, 13pp., processed. Washington, D. C., 1940. 166.3 M68 no. 28

See also Items nos. 1070, 1103, 1125, 1180, 1217, 1238, 1323.

Baling

1142. Why no hi-density. Cotton Digest 13(29): 14, 18. Apr. 19, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The reasons why nearly all southern mills insert in their contracts a "no high density" clause are "lack of space in opening rooms, extra tare, and adjustments required to protect the count of the yarn required."

See also Items nos. 1300, 1312.

MARKETING

Demand and Competition

1143. O algodão na Argentina. Novas fontes do consumo. Revistas Reunidas 11(61): 26-28. Jan. 1941. (Published at Rua de S. Bento, 389, S. Paulo, Brazil) 72.8 R322
Cotton in Argentina. New sources of consumption.

1144. [Carter, W. S.] Southern cotton shippers in 26th annual meeting. Carter's speech for post-war recovery of export markets is key-note. Cotton Trade Jour. 21(16): 1, 8. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Text of address to be given at annual meeting of Southern Cotton Shippers Association, Memphis, Tenn., April 19, 1941.
1145. Committee urges 37 1/2c textile scale. 300,000 workers are affected --May 12 hearing set on increase advocated. Jour. Com. [N. Y.] 188(14509): 1, 3. Apr. 16, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
The recommendation of the Textile Industry Committee is noted. Also noted in Cotton Digest 13(30): 16-17. Apr. 26, 1941.
1146. Cotton and rayon exports in 1939. The piece-goods markets analysed. Textile Mercury and Argus 104(2706): 103. Jan. 31, 1941. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
Tables showing British exports of cotton yarn and piece-goods by countries, for 1938 and 1939 are given.
1147. Cotton for Spain. Cotton Trade Jour. 21(16): 2. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Editorial urging that arrangements be made to sell cotton to Spain.
1148. Cotton mill wages advanced. Amer. Wool and Cotton Rptr. 55(13): 39. Mar. 27, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
Increases in New England and in the South are noted.
1149. Cotton textile exports continue to follow wartime pattern. Sharp increase in shipments to Egypt attract attention. Canada continues to buy American cottons in larger volume--exports to North Africa reflect extension of warfare there--Philippines sales down. Jour. Com. [N. Y.] 188(14500): 8. Apr. 5, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
1150. The cotton trade and the war effort. The varying experience of 1940. Textile Mercury and Argus (51st Ann. Trade Rev. Sup.) Feb. 21, 1941, p. 13. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
A review of developments in the British cotton industry during 1940.
1151. Don't fight the trend--follow it! Cotton Digest 13(30): 12. Apr. 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
A discussion of current trends in the cotton goods market.

1152. Elliott sees needs for textiles met without price rise. Jour. Com. [N. Y.] 138(14503): 1, 12. Apr. 9, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
The article quotes Miss Harriet Elliott, Consumer Commissioner of the National Defense Advisory Commission.
Also noted in Cotton Trade Jour. 21(15): 5. Apr. 12, 1941.
1153. Fl., Dr. Niederländische textilbewirtschaftung. Monatschrift für Textil-Industrie 55(9): 228. Sept. 1940. (Published by Theodor Martins Textilverlag, Dörrrienstrasse 9, Leipzig C 1, Germany) 304.8 L53
Netherlands textile industry.
1154. Gt. Brit. Cotton Board. Curtailment of cotton consumption. Effect on the export trade. Manchester Chamber of Com. Monthly Rec. 52(2): 48. Feb. 28, 1941. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31
1155. Gt. Britain. Spindles board. Accounts 1939-40. Accounts of the Spindles board for the periods ended 13th March 1940 and 13th September 1940, together with the report of the comptroller and auditor general thereon. 10pp. London, H. M. Stationery off., 1941. 304.9 G793A
1156. Lage und aussichten der deutschen textilindustrie am beginn des zweiten kriegsjahres. Monatschrift für Textil-Industrie 55(9): 223-224. Sept. 1940. (Published by Theodor Martins Textilverlag, Dörrrienstrasse 9, Leipzig C 1, Germany) 304.8 L53
Position and outlook in the German textile industry at the beginning of the second year of war.
1157. Linder, Tom. Markets for American farms. Ga. Dent. Agr. Bur. Markets. Ga. Market Bul. 24(19): 1. Mar. 26, 1941. (Published in Atlanta, Ga.) 280.39 G292
An editorial which says in part: "When the war is over American capital will have to finance the rebuilding of the cotton mills of England and the other European countries that use cotton, and certainly when we finance the rebuilding of those mills we should be able to retain those markets for our cotton."
1158. Manchester Chamber of commerce. Annual meeting of members. Mr. A. D. Campbell's second presidential address. Manchester Chamber of Com. Monthly Rec. 52(2): 27-36. Feb. 28, 1941. (Published at Ship Canal House, King St., Manchester, 2, England) 287 M31
Report of 120th annual meeting, February 10, 1941. The president's address included a report on the position of the cotton industry.
1159. Millowners' association, Bombay. Indian textile activity off in 1st year of war. Bombay alone accounts for drop of 100,000 spindles, 2,000 looms. Cotton Trade Jour. 21(14): 3. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from annual mill statement.

1160. Murray, Robert J. Problems confronting United States trade. Textile Mercury and Argus (51st Ann. Trade Rev. Sup.) Feb. 21, 1941, p. 13. (Published at 41, Spring Gardens, Manchester, England) 304.8 T318
The situation in the cotton trade at the end of 1940 is discussed.
1161. New England mill wages up, broaden South's advantage. First national bank of Boston analyzes cotton goods situation. Cotton Trade Jour. 21(14): 3. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1162. Oppose 40c scale for textile mills. Dan River mill ready to pay rise--labor also warned to go slow on demands. Jour. Com. [N. Y.] 188(14508): 11. Apr. 15, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
Brief report of hearings before the Wage and Hour Division of the Department of Labor on the C. I. O. proposal for a 40c minimum wage.
1163. Replacing cotton by rayon. Silk Jour. and Rayon World 17(200): 9. Jan. 1941. (Published at Old Colony House, South King St., Manchester, 2, England) 304.8 Si3
An editorial quoting from an address of Dr. Dreyfus at a recent meeting of British Celanese, Ltd., held in London. Substitution of rayon for cotton to conserve dollar exchange is urged.
1164. Textile export association. Report on cotton textile exports. 13pp., processed. [New York, N. Y., 1941]
The report covers the period 1936-1940, and states that "the aggregate value of our exports of cotton manufactures of all types in 1940 was the highest for any year since 1930, and exceeded the 1939 total by 11%. As against 1939 cotton piece goods were slightly off in yardage, somewhat up in value. Yarn exports almost doubled the 1939 figure."
Also noted in Amer. Wool and Cotton Rptr. 55(11): 36, 39-40. Mar. 31, 1941; Cotton [Atlanta] 105(4): 78. Apr. 1941.
1165. [U. S. Dept. of agriculture. Agricultural marketing services] Radio-cast survey of cotton mills' cotton needs. Cotton Trade Jour. 21(16): 2. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Summary of a radio broadcast entitled "Mill Requirements and Cotton Improvement."
1166. U. S. Dept. of agriculture. Bureau of agricultural economics. Consumption of agricultural products. 39pp., processed. Washington, D. C., 1941.
Tables and chart show consumption and per capita consumption of fibers, including cotton, in the United States, 1909-1939, pp. 15, 22, 36.

1167. Wage rate increase proposed for textiles. Cotton Digest 13(30): 6. Apr. 26, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial commenting on the Textile Industry Committee's proposal for a 37 1/2 cents per hour minimum and stating that "currently, labor costs represent 57 per cent of the total manufacturing costs, exclusive of the raw material. This percentage is higher than any other industry."
1168. [Whittington, Harmon P.] Whittington ribs irrigated cotton on growth disguises. Urges California-Arizona convention to put on sales campaign. Cotton Trade Jour. 21(15): 6. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Address before the annual meeting of the California-Arizona Cotton Association, Los Angeles, April 4-5, 1941.
Extracts in Cotton Digest 13(29): 10. Apr. 19, 1941.
- See also Items nos. 1183, 1205, 1246, 1266, 1274, 1314, 1316, 1321, 1358, 1359, 1361, 1363, 1366, 1367, 1371, 1377, 1380, 1388, 1390, 1392.

Supply and Movement

1169. Algodon a España, venta de 120,000 fardos. La Cosecha 3(31 and 32): 3. Jan. and Feb. 1941. (Published at Av. R. Saenz Peña 943, Buenos Aires, Argentina) 9 C82
Cotton to Spain, sale of 120,000 bales.
1170. Apodaca, Joseph L. Agriculture's role in hemisphere defense. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Agr. 5(3): 83-102. Mar. 1941. (Published in Washington, D. C.) 1.9 Ec7For
A table shows average exports, imports, and net export surpluses of grains and fibers, including cotton, of the Western Hemisphere, 1935-1938.
1171. Belani, E. Russische baumwolle. Monatschrift für Textil-Industrie 55(9): 228. Sept. 1940. (Published by Theodor Martins Textil-verlag, Dörrienstrasse 9, Leipzig C 1, Germany) 304.8 L53
Russian cotton.
1172. Big drain is seen on cotton in loan. Put at 1,250,000 bales by end of month or mid-May--traced to price rise. Jour. Com. [N. Y.] 188(14498): 1, 17. Apr. 3, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
1173. Brasil meridional a nova terra de algodão. Ouro Branco 6(8): 11-12, 14. Dec. 1940. (Published at Rua Assembléia, 209, Sao Paulo, Brazil) 72.8 Ou7
South Brazil, a new land of cotton. (Comment on a publication by Omer W. Herrmann)

1174. [Davis, W. O.] Results of 1940 cotton improvement campaign in Halifax county. Carolina Co-op. 19(4): 4. Apr. 1941. (Published by the Carolina Co-operator Publishing Co., Inc., 121 East Davie St., Raleigh, N. C.) 72.8 N81
A statistical table showing the grade and staple length of cotton produced in Halifax County, North Carolina, in 1940.
1175. Export outlook grows drearier day by day. Cotton Digest 13(27): 6. Apr. 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Exports to the United Kingdom are discussed.
1176. The "Good neighbour" policy and cotton. "Brazil is not a cotton competitor of the United States." "Dangerous tale that must be smashed." Revistas Reunidas 11(61): 5-8, 10-11. Jan. 1941. (Published at Rua de S. Bento, 389, S. Paulo, Brazil) 72.8 R322
The author states that Brazilian production could not exceed two million bales.
1177. Ha sido colocado en España el excedente de nuestra cosecha de algodón 1939-1940. Esta operación llega la cantidad de \$18.000.000. Gaceta Algodonera 18(205): 26. Feb. 28, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
There has been placed in Spain the surplus of our cotton crop, 1939-1940. This operation reached the sum of \$18,000,000.
1178. Kalamkar, R. J. A note on crop-cutting experiments on cotton. Indian Jour. Statistics, Sankhyā 4(4): 589. Mar. 1940. (Published by Statistical Publishing Society, Calcutta, India) 251.8 In2
The author outlines an experiment for the purpose of determining the number of samples that may be necessary to estimate the yield of the crop with a known accuracy.
1179. Leite de Almeida, José. Um programa de trabalho que se tornou "Movimento plenamente vitorioso." Ouro Branco 6(8): 9-10. Dec. 1940. (Published at Rua Assembléia, 209, São Paulo, Brazil) 72.8 Ou7
A program of work that becomes a "completely victorious movement" (The cotton program of Sao Paulo, Brazil.)
1180. Lichte, F. E. Texas ginners tons in 1940. Cotton Ginners' Jour. 12(7): 11, 42. Apr. 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
"In 1939 the preparation was 94 1/2 per cent normal and better for cotton shorter than 1 1/8 inches, which was 99.8 percent of the crop. There were 6,259 bales of 1 1/8-inch and longer cotton. In 1940 the preliminary estimate of the Agricultural Marketing Service of the U. S. Department of Agriculture gives Texas preparation 98 percent normal and better. These figures do not tell the story in farmers' and ginners' language, so let's put it in words

all can understand. In folding money it means that the quality of Texas ginning was better this year than last by \$527,835-- or for easier figuring, an addition of more than one-half million dollars to the value of the 1940 cotton crop."

1181. Lowenstein, Frank, and Overbeck, J. C. Quality of cotton produced in New Mexico, 1936-1939. N. M. Agr. Expt. Sta. Bul. 274, 26pp. State College, 1941. 100 N465
Issued in cooperation with the Cotton Division, Agricultural Marketing Service, U. S. Department of Agriculture.
1182. El Perú y la producción mundial de algodón. Algodón 1(4): 100-104. Jan. 1941. (Published by Cámara Algodonera del Peru, Apartado No. 1605, Lima, Peru)
Peru and world production of cotton. Includes statistics of production, by variety, for 1939.
1183. Russell C. Gregg in Arkansas talk on better cotton. Cites and discusses five factors of quality and five of competition. Cotton Trade Jour. 21(15): 8. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C821.4
Extracts from address before the Arkansas Cotton Trade Association, Little Rock, April 5, 1941.
1184. Skliar, Robert. China as a source of raw cotton for Japan. Textile Colorist 63(747): 178. Mar. 1941. (Published at 233 Broadway, New York, N. Y.) 306.8 T31
Japan's plans for increasing cotton production in China are noted.
1185. U. S. Dept. of agriculture. Agricultural marketing service. Longer staple and lower grade noted in 1940 crop. Cotton Digest 13(26): 6. Mar. 29, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Report on the grade and staple of cotton ginned in the United States from the 1940 crop.
Also in Cotton Trade Jour. 21(14): 2. Apr. 5, 1941; Mid-So. Cotton News 1(7): 1. Apr. 1941.
1186. U. S. Dept. of agriculture. Office of foreign agricultural relations. Cotton crop in Ecuador slightly lower in 1940. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 42(16): 532. Apr. 21, 1941. (Published in Washington, D. C.) 1.9 St2F
Also noted in Cotton Trade Jour. 21(18): 6. May 3, 1941.
1187. U. S. Dept. of agriculture. Office of foreign agricultural relations. Egyptian cotton exports moving slowly. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 42(15): 504-505. Apr. 14, 1941. (Published in Washington, D. C.) 1.9 St2F
Table shows price per pound offered by the British Cotton Buying Commission, January 31, 1941, for Egyptian cotton.

1188. U. S. Dept. of agriculture. Office of foreign agricultural relations. Raw-cotton supply in Spain slightly improved. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 42(15): 509. Apr. 14, 1941. (Published in Washington, D. C.) 1.9 St2F
 "Arrivals of about 25,000 bales of raw cotton in Spain during January and February enabled Spanish mills to begin operating 3 days per week in February instead of 2 days as previously reported. These shipments included about 80,000 bales of Brazilian and 5,000 bales of Egyptian cotton. Approximately 17,000 bales of Brazilian and 12,000 bales of Egyptian were still in ports at the end of February, awaiting shipment to Spain."
1189. U. S. Dept. of agriculture. Office of foreign agricultural relations. South African cotton production increased for war industries. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 42(13): 440-441. Mar. 31, 1941. (Published in Washington, D. C.) 1.9 St2F
1190. U. S. Dept. of agriculture. Office of foreign agricultural relations. United States foreign trade in agricultural products July-January 1940-41. Wartime exports to the United Kingdom. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 42(12, Sup.): 375-422. Mar 25, 1941. (Published in Washington, D. C.) 1.9 St2F
 A table showing exports of cotton and linters to the United Kingdom for the years 1921 to 1940 and by months for 1938 to 1940 is given.
- See also Items nos. 1125, 1329, 1345, 1346, 1352, 1357, 1364, 1366 1373, 1375, 1376, 1381, 1387, 1389, 1390.

Prices

1191. Cotton converters endorse cloth price stabilization. Textile fabrics association votes resolution urging steady prices and offers to co-operate with Council for national defense to prevent runaway markets asks orderly distribution. Jour. Com. [N. Y.] 188(14503): 12. Apr. 9, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 Also noted in Daily News Rec. no. 23, pp. 1, 12. Apr. 9, 1941.
1192. [Crews, T. W.] Domestic price of cotton must be competitive. Foreign growths abroad and synthetics at home eyed by ACA president. Cotton Trade Jour. 21(16): 1, 3. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.2 C8214
 Address of the president of the Atlantic Cotton Association at the annual convention, Greenville, S. C., April 18, 1941.
 Also in Cotton Digest 13(29): 3-5. Apr. 19, 1941.

1193. Critics of cotton price rise backed by govt. officials. Nelson, Henderson, Miss Elliott laud Textile fabrics assn. resolution. Daily News Rec. no. 83, pp. 1, 12. Apr. 9, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
Excerpts from letters of Donald M. Nelson, Leon Henderson and Harriet Elliott addressed to the Textile Fabrics Association are given.
1194. [Duggan, I. W.] Cloth prices far ahead of cotton. Cotton Digest 13(28): 6. Apr. 12, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Report of an "interview in Atlanta." The author stated that the "wholesale price of some 17 constructions of cloths is higher than at any time since 1929 with the exception of one week in 1936."
1195. [New York Cotton exchange] Interest shown in old loan cotton. Cotton Digest 13(27): 3. Apr. 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Prices at which loan cotton could be disposed of by the Commodity Credit Corporation are estimated.
1196. Premiums on the nears next season? Cotton Digest 13(27): 14. Apr. 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
"Those discussing the matter agree upon two things: Near month premiums mean a cheap basis for forward shipments. Near month discounts mean a high basis, equivalent to the cost of spots plus carrying charges."
1197. Weighted average proposal of N. Y. exchange is heard. Move is opposed by mills, favored by many spot merchants. Cotton Trade Jour. 21(17): 1, 4. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Report of a meeting held in Memphis and sponsored by the Agricultural Marketing Service to consider the plan of the New York Cotton Exchange to use weighted instead of straight price averages on the designated markets in the settlement of futures contracts.
Also noted in Jour. Com. [N. Y.] 188(14517): 16. Apr. 25, 1941: Daily News Rec. no. 96, p. 7. Apr. 24, 1941.
1198. Woolf, Douglas G. Solving the great "textile mystery". Textile World 91(4): 77-78. Apr. 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
The author replies to an article in the "Washington Merry-Go-Round", by Robert Allen and Drew Pearson in the Atlanta Journal of March 26, 1941, regarding prices of cotton textiles needed by the Army.

1199. Zelomek, A. W. Reasonable price levels in textiles is advocated. Daily News Rec. no. 78 (sec. 1), p. 14. Apr. 3, 1941. (Published at 8 East 13th st., New York, N. Y.) 286.8 N48

Extracts from address at the regular monthly meeting of the American Association of Textile Technologists, April 2, 1941.

See also Items nos. 1153, 1187, 1200, 1202, 1206, 1236, 1251, 1301, 1304, 1307, 1308, 1346, 1375, 1380, 1382, 1387, 1390, 1392.

Marketing and Handling Methods and Practices

1200. [Atlantic cotton association] Designated spot market reduction opposed by ACA. Agrees to dropping Norfolk and Savannah but would substitute two others. Cotton Trade Jour. 21(17): 3. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from a recommendation approved at the annual meeting, Greenville, S. C., April 18-19, 1941, are given.
1201. Cámara algodонера de Buenos Aires. Gaceta Algodonera 18(205): 10-11. Feb. 28, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
Buenos Aires Cotton Chamber. Changes in the contract are noted.
1202. Designated spot market reduction favored, opposed. Cotton Trade Jour. 21(16): 1. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Comment at the annual meeting of the Atlantic Cotton Association opposing the proposal of the New York Cotton Exchange to remove Montgomery and Savannah from the list of designated spot markets, is briefly reported.
1203. En la próxima asamblea de la Cámara algodонера de Bs. Aires se propondrá la modificacion de estatutos y el cambio de denominación. Gaceta Algodonera 18(205): 24-25. Feb. 28, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
At the next assembly of the Buenos Aires Cotton Chamber they will propose the modification of the statutes and the change of denomination. The proposals are given.
1204. Equity trading now chief cotton business. Cotton Digest 13(27): 8. Apr. 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
Editorial stating that "the cotton trade is really no longer merchandising American cotton. It is trading in equities, repossessing cotton from the government held against loans to fill the orders it obtains, when it can get the equities."
1205. Hay que abrir créditos a España, para que se lleve nuestro algodón. Es un país que puede elaborar solo toda nuestra producción. Gaceta Algodonera 18(205): 3. Feb. 28, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

Credit should be extended to Spain in order to ship our cotton. It is a country that could manufacture alone all our production.

1206. Liverpool to close and set contracts to March. Cotton Digest 13(26): 5. Mar. 29, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822

"The Liverpool Cotton Association will discontinue operations as of March 31, it was announced definitely this week. Presumably the discontinuance will be for the duration of the war in Europe. All contracts will be transferred to the March position at the existing differences, and the contracts remaining outstanding will be liquidated at official values."

1207. W., H. S. Curtain falls on Liverpool cotton futures market. "King cotton" now comes to market down a new planned road. Textile Weekly 27(682): 408, 419. Mar. 28, 1941. (Published at 33, Blackfriars St., Manchester 3, England) 304.8 T3127
The market closed March 31, 1941.

See also Items nos. 1362, 1381.

Marketing Services and Facilities

1208. [Bowling, Charles B.] Transportation difficulties will become serious. California-Arizona convention hears talk that is ominous for whole belt. Cotton Trade Jour. 21(15): 1, 2. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Extracts from address before the annual meeting of the California-Arizona Cotton Association held in Los Angeles, April 4-5, 1941. The question of ocean shipping space is discussed.

1209. CCC loan release delay costly, is hurting equities. Means of providing prompt delivery of cotton proving inadequate. Cotton Trade Jour. 21(17): 1, 4. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1210. Classificação de algodão. Revistas Reunidas 11(61): 35. Jan. 1941. (Published at Rua de S. Bento, 389, S. Paulo, Brazil) 72.8 R322
Classification of cotton.
1211. Dez anos de financiamento ao algodão nos Estados Unidos. Revistas Reunidas 11(61): 21-24. Jan. 1941. (Published at Rua de S. Bento, 389, S. Paulo, Brazil) 72.8 R322
Ten years of cotton financing in the United States.
1212. Malott, E. Orth, and Conrad, William E. F. Agriculture's requirements for transportation in 1941. 66 pp., processed. Washington, U. S. Dept. of agriculture, Bureau of agricultural economics, 1941. 1.941 M2Ag81

Table 2, Estimated number of box cars loaded with revenue freight, first three quarters 1940 and fourth quarter 1939, and estimated number of box cars to be loaded each quarter, 1941, which includes cotton, linters, cottonseed and cottonseed cake and meal, is given on pp. 14-16.

1213. [U. S. Dept. of agriculture. Agricultural marketing services] Classing and news service outlined in talk on radio. Cotton Trade Jour. 21(15): 8. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Summary of a radio broadcast.
1214. U. S. Dept. of agriculture. Agricultural marketing service. Cotton classing and market news services for organized groups of growers. [6] pp. [Washington, D. C.] 1941. 1 M341C
The services are described.
1215. U. S. Dept. of agriculture. Commodity credit corporation. Loan and purchase programs from date of organization through 1940, and loans outstanding and commodities owned December 31, 1940. [3]pp., processed. Washington, D. C. [1941]
Two statistical tables. Cotton is included.

See also Items nos. 1172, 1195, 1204, 1305, 1309, 1310, 1311, 1313, 1320, 1344, 1356, 1382.

Marketing Costs

1216. [Southern cotton shippers association. Foreign affairs committee] Government war risk insurance of cotton asked. Southern cotton shippers association urges Washington give aid. Cotton Trade Jour. 21(17): 6, 7. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Text of a report adopted by the association at the annual convention, Memphis, April 19, 1941, is given.

Cooperation In Marketing

1217. Hardy, D. M., and Brock, W. S. Co-operative credit for cotton. Producers control cotton thru-out just to the market. Mid-So. Cotton News 1(7): 4. Apr. 1941. (Published by Mid-South Cotton Growers Association, 822 Falls Bldg., Memphis, Tenn.) 72.8 C8295
Discusses credit facilities of the St. Louis Bank for Cooperatives available to cooperative associations.

UTILIZATION

Fiber, Yarn and Fabric Quality

1218. Akin, Emily W., and Macormac, Alfred R. A simple apparatus for testing flameproofed fabrics. Amer. Dyestuff Rptr. 30(4): P91-P98. Feb. 17, 1941. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N. Y.) 306.8 Am3

Bibliography, p. P98.

Presented at the Symposium on Evaluation of the Properties of Finished Textiles, Annual Meeting of American Association of Textile Chemists and Colorists, New York, N. Y., October 18, 1940.

1219. [American society for testing materials] Committee D-13 meetings and proposed tests. Tentative methods suggested by subcommittees for tests in finishing of textiles, description of yarn construction, definition of "hand" of fabrics, suggested study of properties of glass fiber, tests for wool and products and tire cord. Amer. Wool and Cotton Rptr. 55(12): 11. Mar. 20, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

Report of meetings of subcommittees of Committee D-13 on Textile Materials held in Washington, D. C., March 1941.

Also reported in Textile World 91(4): 91. Apr. 1941.

1220. Axhausen, Bernhard. Der einfluss der vorbehandlung auf den spez. leitwert und die elektrostat. aufladung von spinnstoffen. Klepzig's Textil-Zeitschrift 43(1): 17-24. Jan. 3, 1940. (Published by L. A. Klepzig, Leipzig, Cl, Germany) Bur. Stand. To be continued.

The effect of pretreatment on the specific conductivity and electrostatic charge in textile fabrics.

"During the spinning of artificial textile fibers, cotton and wool, there occur difficulties due to the formation of static electricity. The common means of prevention: (1) local withdrawal of current, (2) ionization of the atm., (3) high atm. humidity and (4) treatment of textiles with hygroscopic or insulating oil or reviving agents are discussed critically. Significant phys. and technical measurements and properties are discussed as well as the effect of pretreatments of the textile on the production of these charges. - (C)." - Textile Res. 11(5): 252-253. Mar. 1941.

1221. The behaviour of textiles under fluorescent light. Ciba Rev. no. 37, pp. 1355-1356. Jan. 1941. (Published by the Society of Chemical Industry, Basle, Switzerland. May be obtained from the Ciba Company Inc., 627 Greenwich St., New York, N. Y.)

"Attempts have been made to classify various sorts of fibers belonging to the same group (e. g. the various kinds of cotton) by the fluorescent behaviour, but up to the present no decisive result has been obtained."

1222. Brown, F. G. The surface of cellulose and its dyeing properties. Textile Colorist 62(743): 739-740. Nov. 1940. (Published at 233 Broadway, New York, N. Y.) 306.8 T31

This article is "based almost entirely" on the work of E. Broda and H. Mark as reported in Osterreichische Chemiker-Zeitung 40(11): 277-281. June 5, 1937.

"Cellulose is characterized by a great area of internal surface which takes part in chemical reactions and in adsorption

phenomena such as dyeing. The behavior of this surface in practical work can be understood from the modern micellar theory of the structure of cellulose."

1223. Brownsett, T., and Davidson, G. F. The dissolution of chemically modified cotton cellulose in alkaline solutions. Pt. VI. The effect of the method of modification on the relation between fractional solubility in sodium hydroxide solution and fluidity in cuprammonium solution. Textile Inst. Jour. 32(2): T25-T31. Feb. 1941. (Published at 16 St. Mary's Parsonage, Manchester 3, England) 73.9 T31
References, p. T31.
Also published as Brit. Cotton Indus. Res. Assoc., Shirley Inst. Mem. 17(8): 127-133. Nov. 1940.
1224. Brownsett, T., and Clibbens, D. A. The dissolution of chemically modified cotton cellulose in alkaline solutions. Pt. VII. The solvent action of solutions of trimethylbenzyl- and dimethyl-dibenzyl-ammonium hydroxides (tritons B and F). Textile Inst. Jour. 32(2): T32-T44. Feb. 1941. (Published at 16 St. Mary's Parsonage, Manchester 3, England) 73.9 T31
References p. T44.
Also issued as Brit. Cotton Indus. Res. Assoc., Shirley Inst. Mem. 17(9): 134-146. Nov. 1940.
1225. Dainley, A., and Sharp, F. L. Economical rot-proofing of sandbags, etc. I. C. I. announce the success of a cheap, simple method of rot-proofing jute sandbags and other materials. Textile Mfr. 67(793): 22. Jan. 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
The treatment, developed by Imperial Chemical Industries, for jute, cotton and other materials, is described.
1226. Ellis, Joseph W., and Bath, Jean. Hydrogen bridging in cellulose as shown by infrared absorption spectra. Amer. Chem. Soc. Jour. 62(10): 2859-2861. Oct. 1940. (Published at Mills Bldg., Washington, D. C.) 381 Am33J
"Infrared absorption data are presented as evidence for the suggestions made by other authors...that cellulose or carbohydrate chains are stabilized laterally by secondary-valence forces assocd. with the OH groups. - A. B. G." -Chem. Abs. 34(22): 7743. Nov. 20, 1940.
1227. Fabric construction and serviceability. Need of more descriptive labeling or identification of cotton fabrics. Amer. Wool and Cotton Rptr. 55(13): 21, 23. Mar. 27, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88

1228. Goldthwait, Charles F. A new factor in textile chemistry. The hydrogen bond-contributor to fiber structure and to the dyeing of textiles. Amer. Dyestuff Rptr. 30(7): 166-168. Mar. 31, 1941. (Published by Howes Publishing Co., Inc., 440 Fourth Ave., New York, N. Y.) 306.8 Am3
Sources of information, p. 168.
"The hydrogen bond, or bridge, a rather new conception in chemistry is now believed to play an essential part in the structures of cellulose and of protein fibers, as well as in the fixation of dyes on fibers. The bonds are also effective in some dye solutions to hold dye molecules together in colloidal particles; and in other materials used on textiles, such as starch. Hence the hydrogen bond is apparently to take an important place in explaining some of the more fundamental and difficult problems in textiles."
1229. [Gordon, Wallace E.] Flame-proofing of textiles is on the increase. Increased attention to fire protection brings another duPont expansion. Cotton Trade Jour. 21(14): 1, 3. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address at meeting of New York Section, American Association of Textile Chemists and Colorists.
Also in Textile Age 5(4): 68, 70, 72-73. Apr. 1941.
1230. Hardy, J. I., and Plitt, Thora M. An improved method for revealing the surface structure of fur fibers. U. S. Dept. Interior. Fish and Wildlife Serv. Wildlife Cir. 7, 10pp. Washington, D.C., 1940. 156.3 W64
Literature cited, pp. 9-10.
1231. Harriss, Wm. H. Problem of cotton fabric shrinkage solved with sanforized-shrunk process. Textile Bul. (30th Anniversary and Expo. no.) 60(2): 76-77. Mar. 15, 1941. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
1232. [Indian central cotton committee. Technological laboratory] Progress of cotton technology. Indian central cotton committee's work. Indian Textile Jour. 51(603): 48. Dec. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Review of report for 1939-40.
1233. Nickerson, R. F. Technological survey of cotton fiber problem fruit of research. Five thousand year antiquity and 1941 modernity related by Nickerson. Cotton Trade Jour. 21(17): 11, 12. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

1234. Ruska, H. Über strukturen von zellulosefasern. Kolloid-Zeitschrift 92(3): 276-285. Sept. 1940. (Published by Kolloid-Gesellschaft, Residenzstrasse 32, Dresden-Bl., Germany) 384 Z315

Structures of cellulose fibers.

"Following a short review of recent concepts on the sub-microscopical structure of the cellulose fiber, the possibilities offered by the use of the electron microscope are discussed and demonstrated in a number of pictures. A great portion of the capillary system and the micelles fall within the resolving power of the electron microscope (3 to 4 millimicrons) and should therefore become visible if sufficiently thin sections of the fibers or fiber portions were exposed. Although sections which are one micron thick are as a compact mass not transmittable for the beam, it was possible to arrange the position of the sections in such a way that the capillary system (interstices of 100 and more A. and such of only 10 A. wide) would run in the direction of the beam. In this way it was possible to detect transmittable regions at least in places where the capillaries were relatively large in proportion to the thickness of the section. Part of the details of the technique have been described in an earlier publication (Naturwissenschaften 27: 287 [1939]). The Siemens electron microscope (Borries, B. v., and Ruska, E. Z. wiss. Mikroskop. 56: 317-33 [1939]) was used. A number of different fibers were investigated. A cross section of the cotton hair shows a system of coarse hollow spaces (200 to 800 millimicrons) in the center, whereas no such hollow spaces are seen in the outside layer. Besides, the center shows a number of separating walls, which may be attributed either to a system of tubes or to a spongy structure. The similarity of rayon fibers with cotton hairs is surprising. A center portion surrounded by a thin layer can be easily recognized, and the hollow space system in the center portion is particularly well visible. The subdivision of the outside layer into microfibrillae, which is shown on a rayon section, seems to indicate that the chain molecules are oriented to a greater extent in the outer layers than they are in the center. The detection of structural elements of the magnitude of micelles in the outer layer of a staple fiber and their absence in the center portion would indicate that the micellar structure is essentially confined to the outer layers. - E. H." - Lawrence Col., Inst. Paper Chem. Bul. 11(6): 198-199. Feb. 1941.

1235. Ščepkina, T. V. Description of the internal microflora (endoparasites) of the cotton fibre. Leningrad Akademiia Nauk. Bul. Ser. Biol. no. 5, pp. 643-661. 1940. (Published in Moskva, U. S. S. R.) 511 Sa2B

Bibliography, p. 659.

In Russian; English summary, pp. 659-661.

"From the results of the investigation it appeared, however, that many microbes were parasitizing on the fibre and carrying on their destructive work in the closed pods of the

growing plant; at any rate their presence there could be ascertained. In the investigation of this phenomenon and the study of the microbes there was used a special method consisting in the staining of the live microbes allowing the observation of their development under the glass cover in a microscopic preparation made of the applied reagent. This one consisted of a phosphate buffer mixture stained with brom-phenol-blue. In order to isolate the organisms under investigation in pure cultures for the present there were used exclusively silicic gel plates in Petri dishes according to Winogradski. For examining the fibre as to infection besides staining with the above mentioned mixture there may be recommended the luminescent analysis of dry microscopic preparations made in an aerial medium (without liquid). The fibre will be visible as pale transparent bands while the parasites will shine like glowing electric wire. Those of the parasites of the fibre investigated up to the present time are represented on the accompanying figures supplied with their names and indication of the damage caused by them."

1236. Some print cloth constructions and values. Costs of 64 x 60 5.35-yard cloth and other constructions with reference to weight and tensile strength. Amer. Wool and Cotton Rptr. 55(13): 25, 27. Mar. 27, 1941. (Published by Frank P. Bennett & Co., 530 Atlantic Ave., Boston, Mass.) 304.8 W88
1237. Technicolor staple. Cotton Trade Jour. 21(16): 1. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 "From Turkmenistan, U. S. S. R., comes a letter to a friend in cotton, Texas cotton, telling of the growing of cotton of different colors, greens and creams to start with, and technicolor to come. That will add a further interesting complication if and when the practice becomes general, grade, staple, character--and now color." - Entire item.
1238. Uneven cotton roving. Textile World 91(4): 118. Apr. 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
 Reply to letter asking reason for uneven cotton roving in which it is suggested that the use of dryers in cotton gins may be responsible.
1239. Wildman, A. B. Animal fibres of industrial importance: their origin and identification. 28pp. Leeds, England, Wool industries research association [1940] 304 W64
 References, p. 28.
 "Published in conjunction with the International Wool Publicity & Research Secretariat."
 This publication "deals chiefly with the microscopic identification of a preliminary selection of important animal textile fibres."

See also Items nos. 1067, 1091, 1242, 1243, 1251, 1262.

Technology of Manufacture

1240. Better tire cord process offered by research body. Cotton research foundation points way to big advance in quality. Cotton Trade Jour. 21(15): 7. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Release to the tire trade of the new tire cord process developed at Mellon Institute is announced.
Also noted in Cotton Digest 13(29): 11. Apr. 19, 1941.
1241. Calkins, William. Card room factors affecting yarn costs. Textile Age 5(4): 50, 52, 54-56. Apr. 1941. (Published at 381 Fourth Ave., New York, N. Y.) 304.8 T3132
1242. Construction of cords. Further developments in construction of cords and methods of stretching to ensure greater uniformity of properties and the degree of extensibility required for any particular purpose. Textile Mfr. 67(794): 59, 69. Feb. 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
Recent patents relating to the construction of tire cords are discussed.
1243. Duerst, John. A study of roving-yarn diameters. Cotton [Atlanta] 105(4): 74. Apr. 1941. (Published by W. R. C. Smith Publishing Company, Grant Bldg., Atlanta, Ga.) 304.8 C823
1244. Garforth. Economy and care of bobbins. Methods of doffing are often a main source of bobbin damage, which can be avoided by other methods equally convenient. Textile Mfr. 67(793): 16-17. Jan. 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T3126
1245. Landau, A. K. Opening and picking has come far in past thirty years. Textile Bul. (30th Anniversary and Expo. no.) 60(2): 76-77. Mar. 15, 1941. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
1246. The modern cotton mill. Cotton Trade Jour. 21(15): 2. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
An editorial stating that use of modern textile machinery may place the United States in a more favorable position in international textile trade.
1247. Rawlinson, R. W. Long draft spinning simplifies mill layout. Textile Bul. (30th Anniversary and Expo. no.) 60(2): 76-77. Mar. 15, 1941. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82

1248. "Spintech." Setting out a preparation. Co-ordination in the spinning mill. Textile Weekly 27(681): 383-384. Mar. 21, 1941. (Published at 33, Blackfriars St., Manchester 3, England) 304.8 T3127
 "By setting out a preparation is meant the co-ordination of the various machines so that each section of the plant produces the material necessary to keep the succeeding processes supplied. When the whole of the cardroom and spinning machinery is fully running the mill is said to be balanced."
1249. [Textile operating executives of Georgia] Georgia textile operating executives hear Hugh Comor; discuss carding and spinning problems at spring meeting. Textile World 91(4): 90-91. Apr. 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
 Report of spring meeting held "last month" at Atlanta, Georgia.
 Also reported by John C. Fonville in Cotton [Atlanta] 105(4): 79-83. Apr. 1941.
1250. 30 years ago there was no automatic spooling and high speed warping. Textile Bul. (30th Anniversary and Expo. no.) 60(2): 76-77. Mar. 15, 1941. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
 Improvements in the process of spooling and warping are discussed.
1251. Ullmann, G. The spinning of dyed and bleached yarns. Textile Inst. Jour. 32(2): P1-P11. Feb. 1941. (Published at 16 St. Mary's Parsonage, Manchester, 3, England) 73.9 T31
 "The spinning of bleached and dyed cotton and mixtures of cotton and staple fibre on machines with three lines of rollers has been practised for some years in many countries and increasingly developed. The present article describes the steps of bleaching, dyeing and spinning involved in this rather complicated branch of yarn production, indicates the types of goods for which the yarns are to be chiefly recommended, and discusses questions of cost."
1252. Walsh, Samuel. Thirty years ago there was no long-draft roving. Textile Bul. (30th Anniversary and Expo. no.) 60(2): 76-77. Mar. 15, 1941. (Published by Clark Publishing Co., 218 West Morehead St., Charlotte, N. C.) 304.8 So82
 Gives a brief account of the history and development of long-draft roving.
1253. Warren, J. P. Twist in roving. Textile Age 5(3): 42, 44, 46-47. Mar. 1941. (Published at 381 Fourth Ave., New York, N. Y.) 304.8 T3132
 "In general, with long draft roving frames, preparing American cotton with staples ranging from 7/8" to 1 1/16" can use twist multiplier between 1.15 to 1.30, the softer, thin-walled cottons requiring the higher figure."

1254. Wilson, Hamlet. The erection of cotton spinning plant--5. Single scutcher and lap machine. Indian Textile Jour. 51(603): 55-58. Dec. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
To be continued.
1255. Winterbottom, James. Controlled-stretch cord twisting. Tyre cord and like cords of low-stretch or controlled stretch are doubled and twisted on a normal high-speed ring doubler which incorporates stretching rollers and cones before twisting. The range of cords that can be economically produced is also extended greatly by the patented arrangement. Textile Mfr. 67(793): 23-25. Jan. 1941. (Published by Emmott & Co., Ltd., 31 King St., West, Manchester, 3, England) 304.8 T5126
The method (British Patent 526,240) is described.

See also Items nos. 1142, 1238, 1298.

Technology of Consumption

1256. Clayton, Edward E., and others. Gas treatment for the control of blue mold disease of tobacco, by Edward E. Clayton, John G. Gaines, Kendall J. Shaw, Thomas E. Smith and Thomas W. Graham. U. S. Dept. Agr. Leaflet 209, 8pp. Washington, D. C., 1941. 1.Ag84L
The tobacco beds are covered with muslin during the treatment.
1257. Cotton coats for sheep. Country Gent. 111(5): 20. May 1941. (Published by the Curtis Publishing Co., Independence Square, Philadelphia, Pa.) 6 C833
A new use for cotton, which is being developed at the Southern Regional Research Laboratory, is described.
1258. Flame-proof cotton insulation produced. Cotton Digest 13(26): 12. Mar. 29, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
The insulation is being produced by a process "developed under sponsorship of the Department of Agriculture."
Also in Daily News Rec. no. 73, p. 13. Mar. 28, 1941;
Cotton Trade Jour. 21(15): 3. Apr. 12, 1941.
1259. Government-styled campus socks. Rayon Textile Monthly 22(4): 227. Apr. 1941. (Published at 303 Fifth Ave., New York, N. Y.) 304.8 R21
A brief article describing the cotton socks developed by the Bureau of Home Economics of the U. S. Department of Agriculture.
1260. Haven, George B. Industrial fabrics; a handbook for engineers, purchasing agents and salesmen...3d ed., rev. and enl. 789pp. New York, Wellington Sears company, 1941. 304 H29In
Bibliography, pp. 686-722.
"The scope of this treatise is limited to cotton fiber and its manufactured form."

1261. Keller, Lillian L. The care of a cotton mattress. Tenn. Agr. Col. Ext. Serv. Pub. 243, [2]pp. Knoxville, 1940. 275.29 T25
Instructions for the care of home-made cotton mattresses are given.
1262. Knitted fabrics for national defense. Quartermaster corps orders socks, underwear, mosquito netting, sweaters, and other knit goods. Textile World 91(4): 66-67. Apr. 1941. (Published by McGraw-Hill Publishing Co., Inc., 330 West 42d St., New York, N. Y.) 304.8 T315
Includes specifications for each.
1263. Lubell, Cecil. May ban all but cotton garments for hospital use. Horton, of M. I. T., tells of proposals to bar wool, rayon or silk in outer garments. Daily News Rec. no. 79, p. 15. Apr. 4, 1941. (Published at 8 East 13th St., New York, N. Y.) 286.8 N48
"The dangers of static electricity acting to explode the volatile anesthetics used in hospital operating rooms and thereby endangering the life of the patient, has been well known to the medical profession for many years. More recently, however, it has become a matter of concern to the textile industry due to the ban placed upon certain fabrics which generate much static electricity and cannot therefore be worn by nurses in operating rooms."
1264. Malcolm, Ola Powell. The mattress making work center. U. S. Dept. Agr. Ext. Serv. Misc. Ext. Pub. 55, 15pp., processed. Washington, D. C., 1940. 1.9 Ex892Mi
The cotton-mattress program of the Department of Agriculture is described and suggestions are given for organizing committees, setting up work centers and making mattresses.
1265. Paper from cotton. Waco [Texas] merchant finds paper manufactured from cotton is no more costly than regular bond paper. Tex. Digest 17(14): 12. Apr. 5, 1941. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
1266. Roddy, Roy. Texas bedding for the southwest. Taylor bedding manufacturing company at Taylor, says Roy Roddy, has become an integral unit in the sustaining industry of this state. Tex. Digest 17(12): 13-14. Mar. 22, 1941. (Published at Liberty Bank Bldg., Dallas, Tex.) 280.8 T31
The company uses approximately 73,000 bales of cotton a year.
1267. Seattle manufacturer selected to prefabricate cotton house for government. Wood Products 46(4): 52. Apr. 1941. (Published by Lumber Buyers Publishing Corporation, 20 So. Utica St., Waukegan, Ill.) 99.82 W856
"The Speedwall Company, using cotton fabric covered fir plywood from the Pacific Northwest for all walls, and ceilings, will utilize approximately 4500 square feet of the textile in the demonstration house."

1268. Show cotton house for defense needs. Demountable cotton cottage to be used at Vallejo, Calif., community. Jour. Com. [N. Y.] 188(14494): 8. Mar. 29, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
The house is on display in the patio of the U. S. Department of Agriculture building, Washington, D. C.
1269. Sundquist, Alice. Bedding and its care. Wash. State Col. Ext. Serv. Ext. Bul. 262, 16pp. Pullman, 1941. 275.29 W27P
References, p. 16.
Contains instructions for the care of pillows and mattresses.
1270. Sundquist, Alice. Making a cotton mattress. Wash. State Col. Ext. Serv. Ext. Bul. 261, 20pp. Pullman, 1940. 275.29 W27P
Mattress making references, p. 20.
Includes materials necessary and instructions for making a mattress.
1271. Sundquist, Alice. Using surplus cotton sacks. Wash. State Col. Ext. Serv. Ext. Bul. 260, 8pp. Pullman, 1940. 275.29 W27P
Contains instructions for making household articles from flour and other cotton sacks.
1272. U. S. Dept. of agriculture. Bureau of home economics. Women's hosiery from American-grown cotton. 5pp., processed. [Washington, D. C., 1941]
"Publications on cotton hosiery by the Bureau of Home Economics," pp. 4-5.
The cotton hosiery project, conducted as part of the general program of the United States Department of Agriculture to increase the consumption of cotton, is described.
1273. U. S. Dept. of agriculture. Extension Service. Cotton mattress making. U. S. Dept. Agr. Ext. Serv. Misc. Ext. Pub. 54, 10pp., processed. Washington, D. C., 1941. 1.9 Ex892Mi
Contains instructions for making mattresses.
1274. [U. S. Dept. of agriculture. Surplus marketing administration] New cotton paper program announced by SMA at capital. Use of low grade cotton to make high grade writing paper is stressed. Cotton Trade Jour. 21(14): 3. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
"A Federal program to encourage the use of low-quality raw cotton in the manufacture of high-grade writing paper was announced Wednesday."
Also noted in Cotton Digest 13(27): 6. Apr. 5, 1941.
1275. U. S. Dept. of agriculture. Surplus marketing administration. Marketing division. The cotton house. 2pp., processed. [Washington, D. C., 1941]
Contains information regarding the construction of the cotton house on display in the patio of United States Department of Agriculture building in Washington, D. C.

1276. U. S. War dept. Technical manual. Inspection of textiles. 94pp. Washington, D. C., 1940. (Tm 10-225) 152.71 In72
 "Prepared under the direction of the Quartermaster General."
 Partial contents: Raw materials and yarns [including cotton, pp. 7-18; Laboratory testing [including cotton and linters, pp. 21-40; Factory inspection of cotton textiles, pp. 45-51; Glossary of textile terms and materials, pp. 76-90.

See also Items nos. 1086, 1225, 1236, 1240, 1242, 1299, 1303, 1306, 1365, 1367, 1378.

COTTONSEED AND COTTONSEED PRODUCTS

1277. [Atlantic cotton association. National affairs committee, Cottonseed boost given by Atlantic association vote. Champion cause of cottonseed products against trade barriers. Cotton Trade Jour. 21(17): 7, 8. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Text of a resolution adopted by the association at the annual convention held in Greenville, S. C., April 18-19, 1941, is given.
1278. Cattle feeders' day observed at Lubbock meeting. Cottonseed hull and cottonseed meal fattening qualities discussed. Cotton Trade Jour. 21(17): 3, 7. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Report of the Annual Cattle Feeders' Day meeting held at the Texas Technological College, April 25, 1941.
1279. Chinese cottonseed production increases. Cotton Digest 13(27): 13. Apr. 5, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
 "Chinese cottonseed production for 1940 is estimated to be about 25 per cent larger than the abnormally low yield of 1939."
1280. Consumption of cellulose by the rayon industry. Rayon Organon 12(5): 60-61. Apr. 1941. (Published by Textile Economics Bureau, Inc., 10 East 40th St., New York, N. Y.) 304.8 T3128
 Table shows "the estimated consumption of cellulose by the American rayon industry for the period 1930-1940. Total consumption is divided between the two sources of cellulose used, namely, chemical dissolving wood pulp and refined cotton linters."
1281. Cottonseed cake export problem troubling Brazil. Loss of European markets where by-product was used for stock feed hurts. Cotton Trade Jour. 21(15): 4, 8. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 From O Estado de São Paulo.

1282. Lechy, John F. Processing oil seeds and nuts. Part I--Economics and statistics. South. Power and Indus. 59(1): 44-48. Jan. 1941. (Published at Grant Bldg., Atlanta, Ga.) 291.8 So8
An account of the cottonseed crushing industry with particular reference to recent developments.
1283. Lilienthal, David E. New industries for the new south. Cotton and Cotton Oil Press 42(7): A3, A4, A10. Mar. 29, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
Address delivered at the Southern Scientist Symposium, Mobile, Alabama, March 20, 1941.
The development of a new method of obtaining oil from cottonseed, a Tennessee Valley Authority research project, is discussed.
1284. O linter e sua procura. Revistas Reunidas 11(61): 36. Jan. 1941. (Published at Rua de S. Bento, 389, S. Paulo, Brazil) 72.8 R322
From "Indústria Textil."
Linters and its procurement [in the United States].
1285. Lockett, Charles L. Mechanical processes in vegetable oil production. Cotton and Cotton Oil Press 42(8): A-3, A-5, A-7. Apr. 12, 1941. (Published at 3116-18 Commerce St., Dallas, Tex.) 304.8 C822
"Presented before the Vegetable Oils Processing Division of the American Society of Mechanical Engineers at its Spring Meeting, Atlanta, Ga., March 31-April 3."
Includes cottonseed oil.
1286. Lund, Charles E. Fats and oils trade of the United States in 1940. U. S. Dept. Com. Bur. Foreign and Dom. Com. Indus. Ref. Serv. pt. 3, no. 22, 17pp. Feb. 1941. Washington, D. C., 1941.
Includes cottonseed oil and cottonseed cake and meal.
1287. Meloy, G. S. The effect of weather on the relative development of oil and protein in cottonseed. 4pp., processed. Washington, U. S. Dept. of agriculture, Agricultural marketing service [1941]
"Address, meeting of Valley Division, National Cottonseed Products Association, Hot Springs, Ark., April 21, 1941."
A table giving the relation of oil to ammonia in cottonseed sold in Sunflower County, Mississippi, August-November, 1938, is appended.
1288. [National association of bedding manufacturers] Cotton linters. Bedding Mfr. 40(3): 38. Apr. 1941. (Published by the Better Bedding Alliance of America, 608 South Dearborn St., Chicago, Ill.) 309.8 B39
The government's probable needs for linters for the defense program are explained.

1289. National cottonseed products association, inc. Educational service. Cottonseed meal and hulls for horses and mules. Natl. Cottonseed Products Assoc. Inc. Educational Serv. Cir. 21, 4pp. [Dallas, Tex., 1941?] 72.9 N213C
1290. National cottonseed products association, inc. Educational service. Cottonseed meal in rations for swine. Natl. Cottonseed Products Assoc. Inc. Educational Serv. Cir. 20, 4pp. [Dallas, Tex., 1941?] 72.9 N213C
1291. National cottonseed products association, inc. Educational service. Cottonseed products for sheep and goats. Natl. Cottonseed Products Assoc. Inc. Educational Serv. Cir. 19, 4pp. [Dallas, Tex., 1941?] 72.9 N213C
1292. Olcott, H. S., and Fontaine, T. D. Composition of cottonseeds. IV. Lipase of germinated seed. Amer. Chem. Soc., Jour. 63(3): 825-827. Mar. 1941. (Published at Mills Bldg., Washington, D. C.) 381 Am33J
Bibliographical foot-notes.
"Presented in part before the Division of Agricultural and Food Chemistry at the Detroit meeting of the American Chemical Society, September, 1940.
"Dormant cottonseeds contain no lipase. Lipolytic activity develops during germination." - Summary.
1293. [Queiroz, Luiz de] Os farelos de sementes oleaginosas-O farelo de algodão. A utilização do farelo de algodão no alimentação dos animais domesticos. Revista dos Criadores 12(6): 30. Feb. 1941. (Published at Rua Senador Feijó, 30 S/Loja, São Paulo, Brazil) 43.8 R32
Meal from oil seeds--Cottonseed meal. Utilization of cottonseed meal in the feeding of domestic animals.
1294. [U. S. Dept. of agriculture. Agricultural marketing service] Tell varied uses of cottonseed, in a bedtime story. Government sponsored radiocast tells of Alice in Southern Wonderland. Cotton Trade Jour. 21(15): 2. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Summary of a radio broadcast, "Cottonseed Products at Home and on the Farm."
1295. U. S. Dept. of agriculture. Bureau of agricultural economics. Factory consumption of fats and oils by classes of products, 1938-40. U. S. Dept. Agr. Bur. Agr. Econ. Fats and Oils Situation no. 50, p. 8-10. Apr. 1941. (Published in Washington, D. C.) 1.9 Ec752F
Includes cottonseed oil.
1296. U. S. Dept. of agriculture. Bureau of agricultural economics. Margarine. U. S. Dept. Agr. Bur. Agr. Econ. Agr. Situation 25(4): 19. Apr. 1941. (Published in Washington, D. C.) 1 Ec7Ag
"Both production and consumption of margarine were moderately

larger in 1940 than in 1939, and prices were slightly higher. Consumption totaled 319 million pounds, but this was about 19 percent less than the high record consumption of 397 million pounds in 1937."

1297. U. S. Federal security agency. Food and drug administration. In the matter of the public hearing for the purpose of receiving evidence upon the basis of which regulations may be promulgated fixing and establishing a definition and standard of identity for oleomargarine. [U. S.] Natl. Arch. Fed. Register 6(75): 1990-1992. Apr. 17, 1941. (Published in Washington, D. C.) 169 F31
[Docket No. FDC-25]

See also Items nos. 1071, 1074, 1076, 1081, 1087, 1090, 1103, 1190, 1276, 1306, 1315, 1324, 1326, 1381, 1390.

LEGISLATION, REGULATION, AND ADJUDICATION

Legislation

1298. Compensation for disability from cotton-mill asthma in Great Britain. U. S. Dept. Labor. Bur. Labor Statis. Monthly Labor Rev. 52(3): 629-630. Mar. 1941. (Published in Washington, D. C.) 158.6 B87M
An act passed in Great Britain on November 20, 1940, providing for the payment of compensation to operatives incapacitated for work as the result of a disease known as byssinosis or card-room asthma, is noted.
1299. Culkin, Francis D. The passage of H. R. 99 would be disastrous to the wage earners, consumers, and all investment in the field of pulp and paper products. U. S. Cong. Cong. Rec. 87(64): A1736-A1737. Apr. 3, 1941. (Published in Washington, D. C.) 148.2 R24
Letter opposing the Fulmer bill which would require the use of cotton in paper manufacture.
1300. Defeat for Fulmer. Cotton Trade Jour. 21(14): 2. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Editorial on the defeat of the Fulmer net weight cotton bill.
1301. [Fulmer, H. P.] Fulmer fulminates at widening of mill margins, in talk to ACA. Says proportional price of cotton would be 19.75, tells of pulp plans. Cotton Trade Jour. 21(17): 1, 3. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Extracts from address before the Atlantic Cotton Association, Greenville, S. C., April 18, 1941.
The Fulmer income certificate bill (H. R. 3378) is explained. Also in U. S. Cong. Cong. Rec. 87(75): A1992-A1995. Apr. 23, 1941.

1302. Fulmer, Hampton P. Income-certificate plan hearings--farm legislation. U. S. Cong. Cong. Rec. 87(64): A1704-A1705. Apr. 3, 1941. (Published in Washington, D. C.) 148.2 R24
The author explains the purpose of his bill, H. R. 3378, "The Income Certificate Plan."
1303. Linder, Tom. Substitute cotton for wood pulp. Ga. Dept. Agr. Bur. Markets. Ga. Market Bul. 24(12): 1. Feb. 5, 1941. (Published in Atlanta, Ga.) 280.39 G292
An editorial commenting on the Fulmer bill "which proposes to substitute cotton for wood pulp used in the manufacture of paper."
1304. McDonald, J. E. A two price system for marketing cotton. Cotton Ginners' Jour. 12(7): 36. Apr. 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
The system is recommended as a solution of the cotton problem.
1305. McKellar CCC bill action delayed by further amendment. Senator Smith's changes of wording in House amendment delays final vote. Cotton Trade Jour. 21(15): 1. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The bill prohibits "the Commodity Credit Corporation from accepting competitive bids for the storage of government owned cotton."
1306. Mermin, Samuel, Mayer, John M., and Kaidanovsky, Samuel P. Survey of state laws and judicial decisions on bedding and upholstery. U. S. Dept. Agr. Agr. Adjustment Admin. Div. of Consum. Counsel. Consum. Counsel Ser. Pub. 9, 16Opp. Washington, D. C., 1941. 1.4 Ad422
"Prepared with the assistance of Work Projects Administration. Official project no. 01-2-26-246."
1307. [Murchison, Claudius T.] Murchison hits legislation affecting raw cotton prices. Institute head asserts Bankhead and Fulmer bill would cost American consumers half million dollars annually--appeals to consumer groups to oppose various "surplus remedies." Jour. Com. [N. Y.] 188(14499): 10. Apr. 4, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
The text of a letter mailed to civic groups and consumer organizations is given.
1308. [Murchison, Claudius T.] Murchison holds Fulmer legislation would raise cotton products prices. Jour. Com. [N. Y.] 188(14515): 1, 10. Apr. 23, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
Extracts from statement at hearings before the House Agricultural Committee on the Fulmer marketing certificate bill.

1309. Murray, Reid F. Letter of Hon. J. H. Bankhead, of Alabama, relative to S. 935, and answer thereto by Hon. Reid F. Murray, of Wisconsin. U. S. Cong. Cong. Rec. 87(57): A1454-A1455. Mar. 24, 1941. (Published in Washington, D. C.) 148.2 R24
The bill (S.935) relates to parity payments for cotton.
1310. 100% parity loan on cotton possible. Prospects favorable in Senate and House. Co-op. Farmer 19(6): 1, 5. Apr. 1941. (Published at 219 1/2 East Capitol St., Jackson, Miss.) 280.28 C7892
The Bankhead bill (S.935) is discussed.
1311. Patman, Wright. Why the bill regulating the warehousing of cotton should become a law. U. S. Cong. Cong. Rec. 87(57): A1414-A1420. Mar. 24, 1941. (Published in Washington, D. C.) 148.2 R24
1312. Permanent tagging of cotton bales. Cotton Digest 13(29): 6. Apr. 19, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.82 C822
An editorial stating that legislation making permanent identification of bales mandatory would "prove beneficial to the spinner who insisted on knowing the locality in which the cotton was grown."
1313. Por intermedio del Banco de la nación se adelantará hasta \$50. - m/n. por tonelada de fibra de algodón, como ampliación del crédito anterior de \$500. - para gastos de flotes, pesadas, reacondicionamiento, repressado, etc. Decreto en acuerdo de ministros. Gaceta Algodonera 17(204): 5. Jan. 31, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11
There will be advanced through the Bank of the Nation up to \$50. - m/n per ton of cotton fiber, with additional credit of \$500. - for freight, weighing, reconditioning, repressing and other expenses. Decree on concurrence of ministers.
The text of the decree is given.
1314. Swiss using less cotton under new restrictive laws. Decree forbids use of cotton or wool in certain fabrics, limits spinners. Cotton Trade Jour. 21(15): 6. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
1315. Tenn. repeals excise tax on oleomargarine. Okla. Cotton Grower 21(1): 4. Mar. 28, 1941. (Published at 12 West Sixth St., Oklahoma City, Okla.) 72.8 Ok4

See also Items nos. 1358, 1365, 1377.

Regulation

1316. Board of trade issues rules on closing of mills. Jour. Com. [N. Y.] 188(14513): 10. Apr. 21, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 "The [British] Government already has approved 111 cotton spinners for survival, while sixty-one have been closed down. Two hundred and twenty-nine more still are under consideration." The closed mills will be used for the manufacture of munitions for the duration of the war.
1317. Cotton control problems. British managers discuss trade developments. Textile Weekly 27(679): 312, 315. Mar. 7, 1941. (Published at 33, Blackfriars St., Manchester 3, England) 304.8 T3127
1318. [Great Britain. Cotton Board.] Concentration of production. Cotton industry plans and policy. Textile Weekly 27(679): 311. Mar. 7, 1941. (Published at 33, Blackfriars St., Manchester 3, England) 304.8 T3127
1319. Illegal low rates found on textiles. 6 lines, 9 shippers named-- government prosecution asked by government. Jour. Com. [N. Y.] 188(14494): 16. Mar. 29, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
 "Six steamship companies and nine shippers were today found to have allowed illegal low rates on textile cargoes to Manila, by the Maritime Commission which at the same time issued an order recommending that they be prosecuted by the Department of Justice."
1320. New loan lease regulations soon to go into effect. Plan is to cure difficulties, end irregularities of present procedure. Cotton Trade Jour. 21(15): 1, 4. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Probable changes in regulations covering repossession of loan cotton are commented upon.
1321. Organization for total war...or not? Textile Weekly 27(679): 307. Mar. 7, 1941. (Published at 33 Blackfriars St., Manchester 3, England) 304.8 T3127
 Editorial stating that the British "textile industry faces revolutionary changes in its methods of working and distribution. The problems of restricting consumption in the grave manner being attempted by the authorities can only lead in the long run to inflation and rising prices, for you can cause inflation both by too much paper money and also by having too few goods."
1322. [Sanders, H. C.] Diversification is aided by fee for food growing. Plan is companion piece to cotton stamp payment for acreage cuts. Cotton Trade Jour. 21(17): 6. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
 Under the program farmers will receive \$3 an acre payment for carrying out specified food production practices.

1323. Scofield, Frank. Status of gin laborers under the Social security act. Cotton Ginners' Jour. 12(7): 20. Apr. 1941. (Published by Texas Cotton Ginners' Association, Inc., 109 North Second Ave., Dallas, Tex.) 304.8 C824
1324. Southern Rhodesia. Restriction on importation of cotton seed oil. Gt. Brit. Bd. Trade Jour. 146(2307): 120. Feb. 20, 1941. (Published by H. M. Stationery Office, York House, Kingsway, London, W. C. 2, England) 256.03 T67J
 "The Board of Trade have received a copy of Government Notice No. 661, dated 27 December 1940, published in the 'Government Gazette' of the same date, which provides for the prohibition of the importation of cotton seed oil produced elsewhere than in the Union of South Africa, Bastuoland, Swaziland, Bechuanaland Protectorate or Northern Rhodesia, except under permit issued by the Minister of Finance and Commerce." - Entire item.
1325. Streat, Raymond E. Production concentration. Cotton board chairman's statement. Textile Weekly 27(679): 308. Mar. 7, 1941. (Published at 33, Blackfriars St., Manchester 3, England) 304.8 F3127
1326. U. S. Administrator of export control. Export control schedule no. 2. [U. S.] Natl. Arch. Fed. Register 6(68): 1814-1818. Apr. 8, 1941. (Published in Washington, D. C.) 169 F31
 Includes cottonseed oil and cottonseed.
1327. U. S. Dept. of agriculture. Agricultural adjustment administration. Cotton. Marketing quotas for the 1941-1942 marketing year. [U. S.] Natl. Arch. Fed. Register 6(76): 1997-1999. Apr. 18, 1941. (Published in Washington, D. C.) 169 F31
 Cotton 507, sup. 1.
1328. U. S. Dept. of agriculture. Agricultural adjustment administration. 1941--national agricultural conservation program. Subpart C-1941. [U. S.] Natl. Arch. Fed. Register 6(78): 2049-2050. Apr. 22, 1941. (Published in Washington, D. C.) 169 F31
 "ACP-1941-7."
 An amendment to the program relating to land removed from cotton production "because of acquisition by a state or federal agency or for use for industrial purposes in connection with the National Defense Program."
1329. U. S. Dept. of agriculture. Agricultural adjustment administration. 1941 supplementary cotton program. [U. S.] Natl. Arch. Fed. Register 6(78): 2050-2051. Apr. 22, 1941. (Published in Washington, D. C.) 169 F31
 "SCP-2, Supp. 1."
 Under the program producers will receive payments of cotton stamps for acreage adjustments.

1330. U. S. Dept. of agriculture. Agricultural adjustment administration. Parity payment regulations. Subpart A--1941. [U. S.] Natl. Arch. Fed. Register 6(77): 2014-2015. Apr. 19, 1941. (Published in Washington, D. C.) 169 F31
"P-1941-1."
Rate of payment for "cotton: 1.38 cents per pound of the normal yield per acre of cotton for the farm for each acre in the cotton allotment."
Also noted in Jour. Com. [N. Y.] 188(14511): 1, 3. Apr. 18, 1941; Daily News Rec. no. 91, p. 1. Apr. 18, 1941; Cotton Trade Jour. 21(17): 2. Apr. 26, 1941.
1331. [U. S. Dept. of agriculture. Agricultural adjustment administration, Peanut planting on cotton acres urged for south. Delivery for crushing into oil would exempt from provided quotas. Cotton Trade Jour. 21(15): 3. Apr. 12, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.3 C8214
This amendment to the 1941 Agricultural Conservation Program "offers farmers an opportunity to further reduce the acreage planted to cotton by making it possible for them to grow peanuts for oil in lieu of cotton on any part of their cotton acreage allotment."
Also noted in Cotton Digest 13(28): 13. Apr. 12, 1941.
1332. U. S. Dept. of agriculture. Agricultural adjustment administration. East central division. 1941 agricultural conservation program. North Carolina. U. S. Dept. Agr. Agr. Adjustment Admin. ECR-501-W. C., 22pp. [Washington, D. C.] 1940. 1.42 Ea7T
Commodities--payments and deductions. Cotton, pp. 3-4.
1333. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Alabama handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-Ala., 28pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941. Cotton, pp. 1-3.
1334. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Arkansas handbook (A area) 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment admin. SRB-501-Ark. (A area) 34pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941. Cotton, pp. 2-4.
1335. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Arkansas handbook (B area) 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-Ark. (B area) 33pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941. Cotton, pp. 2-4.

1336. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Florida handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-Fla., 28pp. Washington, D. C., 1941. 1.42 So8B
Program effective from January 1, 1941 to December 31, 1941.
Cotton, pp. 1-2.
1337. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Georgia handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-Ga., 30pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941.
Cotton, pp. 2-4.
1338. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Louisiana handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-La., 28pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941.
Cotton, pp. 1-3.
1339. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Mississippi handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-Miss., 25pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941.
Cotton, pp. 1-3.
1340. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Oklahoma handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-Okla., 32pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941.
Cotton, pp. 1-2.
1341. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. South Carolina handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjust. Admin. SRB-501-S. C., 28pp. Washington, D. C., 1941. 1.42 So8B
Program effective from December 1, 1940 to November 30, 1941.
Cotton, pp. 1-3.
1342. U. S. Dept. of agriculture. Agricultural adjustment administration. Southern division. Texas handbook. 1941 agricultural conservation program. U. S. Dept. Agr. Agr. Adjustment Admin. SRB-501-Tex., 31pp. Washington, D. C., 1941. 1.42 So8B
Program is effective for the period beginning December 1, 1940 and ending November 30, 1941.
Cotton, pp. 1-3.
1343. U. S. Dept. of agriculture. Bureau of entomology and plant quarantine. Domestic quarantine notices. White-fringed beetle regulations modified. [U. S.] Natl. Arch. Fed. Register 6(81):

2119-2120. Apr. 25, 1941. (Published in Washington, D. C.)
169 F31

B. E. P. Q. 485, eighth revision.

1344. U. S. Dept. of agriculture. Commodity credit corporation. Cotton form R change is announced by C. C. C. Jour. Com. [N. Y.] 188(14515): 12. Apr. 23, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82

The change, effective immediately, "permits one transfer of cotton loan 'equities' by the person who makes the purchase from the producer."

Also noted in Cotton Trade Jour. 21(17): 1, 4. Apr. 26, 1941.

1345. U. S. Dept. of agriculture. Extension service. Questions and answers on the 1941 supplementary cotton program. 7pp., processed. Washington, D. C., 1941. 1.913 E2Q3

Under the program payments are made in cotton stamps to farmers for reducing cotton acreage.

1346. U. S. Dept. of agriculture. Office of foreign agricultural relations. United Kingdom requisitions cotton stocks and freezes cotton and yarn prices. U. S. Dept. Agr. Off. Foreign Agr. Relat. Foreign Crops and Markets 42(14): 468. Apr. 7, 1941. (Published in Washington, D. C.) 1.9 St2F

Also noted in Cotton Trade Jour. 21(15): 6. Apr. 12, 1941.

See also Item no. 1367.

Adjudication

See Item no. 1306.

MISCELLANEOUS--GENERAL

1347. [Alabama cotton manufacturers association] Defense keynote of Alabama mill men's convention. Cotton Trade Jour. 21(16): 1. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Brief note of convention at Mobile, April 17 and 18, 1941.

Also reported in Daily News Rec. no. 92, pp. 1, 8. Apr. 19, 1941.

1348. [American cotton manufacturers association] Southern mill men scan war and aftermath. American association seeks means of providing shock absorbers against post-war let-down in textile field. More cheerful atmosphere pervades gathering, mill margins wider, but leaders look to uncertain future. Cotton Trade Jour. 21(17): 1, 8. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Report of 45th annual convention held in Augusta, Ga., Apr. 25-26, 1941.

Also reported in Jour. Com. [N. Y.] 188(14519, sec. 2): 1A, 10A. Apr. 28, 1941.

1349. American cotton shippers rally at Memphis, scan war's present and future effects upon cotton. Lindsay, association president, stressing effects of year of active war, says present planning must be temporary. Cotton Trade Jour. 21(17): 1, 9. Apr. 26, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Report of annual convention of the American Cotton Shippers Association, Memphis, April 25-26, 1941.

Also reported in Jour. Com. [N. Y.] 188(14519, sec. 2): 19A. Apr. 28, 1941.

1350. Arizona. College of agriculture. Agricultural extension service. Arizona agricultural situation, 1941. 18pp. Tucson, 1941. Assembled by George W. Barr and Howard R. Baker. Cotton, pp. 5-10.

1351. Arkansas cotton trade association, Simmons will head Arkansas Association. Cotton Digest 13(28): 4. Apr. 12, 1941. (Published at Cotton Exchange Bldg., Houston, Tex.) 286.32 C822
Report of annual meeting held at Little Rock, April 5, 1941.

1352. Arkansas cotton trade meets in atmosphere of optimism, better cotton program cause...Open sessions this Saturday morning to stress slogan. "Better grades; better prices. Let's save a grade." Cotton Trade Jour. 21(14): 1, 4. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The opening of the Arkansas Cotton Trade Association's 23rd annual meeting in New Orleans, April 5, 1941, is briefly reported.

Also reported in Cotton Digest 13(27): 5. Apr. 5, 1941.

1353. Atlantic cotton association, Cotton men of textile region, representing six southeastern states, in meet at Greenville. Atlantic cotton association looks to domestic market as immediate concern, but gives aid in battle for exports; Fulmer raises certificate plan bogey. Cotton Trade Jour. 21(16): 1. Apr. 19, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214

Brief report of meeting at Greenville, S. C., April 18 and 19, 1941.

Also noted in Cotton Digest 13(30): 10. Apr. 26, 1941.

1354. Banfield, Diego, and Herrera Arrivillaga, G. Importancia de las exposiciones como factor de enseñanza. Trabajo aprobado por el 2do. Congreso algodonero Argentino. Gaceta Algodonera 18(205): 6-8. Feb. 28, 1941. (Published at Reconquista 331, Buenos Aires, Argentina) 72.8 G11

Importance of expositions as a means of instruction. Work approved for the Second Argentine Cotton Congress.

1355. Burma. Dept. of agriculture. Report on the operations...for the year ended the 31st March 1940. 275, xxxvi pp. Rangoon, 1940. 22 B92Re 1939/40
Partial contents: Cotton [variety testing] p. 212; Cotton [seed multiplication] pp. 224-225; Cotton [seed distribution and multiplication] pp. 234-236; Cotton [hybrids] p. 244-245; Control on wilt disease on cotton, pp. 248-249.
1356. [California-Arizona cotton association] Western cotton convention met at Los Angeles. Whittington discusses problem of port loan rates and no export. Cotton Trade Jour. 21(14): 1. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
The opening meeting of the annual convention of the California-Arizona Cotton Association, April 4, 1941, is noted.
1357. Disposal of India's raw cotton surplus. Millowners' views. Indian Textile Jour. 51(603): 60. Dec. 1940. (Published at Military Square, Fort, Bombay, India) 304.8 In2
Suggestions of the Millowners' Association, Bombay and the Southern India Millowners' Association, Coimbatore, for relieving the situation caused by the war are noted.
1358. Duggan, I. W. The cotton outlook. U. S. Cong. Cong. Rec. 82(68): A1833-A1834. Apr. 15, 1941. (Published in Washington, D. C.) 148.2 R24
A radio address on the cotton outlook and the government program for reduction of the crop and increased use of surpluses.
1359. Everett, Charles K. Cotton week sales program obtains retail support. One hundred and fifty thousand stores to spend \$3,000,000 on advertising and displays—improved quality of 1941 fabrics gets recognition. Jour. Com. [N. Y.] 188(14519, sec. 2): 1A, 2A. Apr. 28, 1941. (Published at 63 Park Row, New York, N. Y.) 286.8 J82
1360. Hawkins, R. S., and Aepli, D. C. The Mesa experiment farm helps farmers help themselves. Ariz. Agr. Expt. Sta. Bul. 171, 186pp. Tucson, 1941. 100 Ar4
Partial contents: Cotton [irrigation and variety tests] pp. 162-164; Control of cotton insect pests, pp. 183-184.
1361. [Indian central cotton committee] Consumption drop of Indian cotton eyed at meeting. Measures are recommended for increased consumption, export of textiles. Cotton Trade Jour. 21(14): 2. Apr. 5, 1941. (Published at Cotton Exchange Bldg., New Orleans, La.) 72.8 C8214
Brief report of 43d meeting of the Indian Central Cotton Committee.

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58, 60-68; Experimental results--Cotton, pp. 73-78; Cotton varietal test plots of Egyptian strains (irrigated) pp. 80-82; Yields of rain-grown American cotton varietal tests, pp. 82-85; Irrigated American cotton varietal test plot, p. 85; Rain-grown cotton cultivation experiment, p. 86.

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